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Socioeconomic Characteristics of Medical Practice

1984

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Center for Health Policy Research

The information contained in this volume is from the AMA Socioeconomic Monitoring System. The AMA Center for Health Policy Research directs the Socioeconomic Monitoring System in cooperation with the AMA Division of Survey and Data Resources.

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SOCIOECONOMIC CHARACTERISTICS OF MEDICAL PRACTICE

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FOREWORD

Increases in physician supply and changes in the demographic characteristics of the population, coupled with various efforts to control growth in health care costs, have resulted in a rapidly changing medical practice environment. The ability of physicians, policymakers and the public to make well-informed decisions in response to these changes requires the availability of detailed and timely information on socioeconomic aspects of medicine. This second annual edition of Socioeconomic Characteristics of Medical Practice (or the "Gray Book") is meant to meet, in part, this need.

A detailed overview of the AMA's Socioeconomic Monitoring System (SMS), as well as some discussion of the earlier Periodic Survey of Physicians, is provided in the article by Mary Lou S. White and Stephen Zuckerman at the beginning of this volume. This is followed by reprints of selected recent issues of the SMS Report -- a frequently published newsletter that facilitates rapid dissemination of SMS results. The main body of the Gray Book is devoted to providing detailed tabulations of trends and variations in a range of characteristics of physician's practices, including aspects of practice activities, fees, income and expenses.

A program of the magnitude of SMS has required a major commitment from many individuals. Although I am grateful to all who have contributed to various aspects of SMS, it is impossible to mention each individually. However, I would particularly like to thank Jack L. Werner, Ph.D., Assistant Director of the Center for Health Policy Research, who has had major responsibility for oversight of this project, and Norbert W. Budde, Ph.D., Director of the Division of Survey and Data Resources, whose division has cooperated with the Center for Health Policy Research in many of the activities relating to SMS.

Lynn E. Jensen, Ph.D.
Director
Center for Health Policy Research

INTRODUCTION

Socioeconomic Characteristics of Medical Practice (the Gray Book) is designed as an annual reference volume on data collected by the AMA Socioeconomic Monitoring System (SMS). The Gray Book maintains the tradition of the AMA, established in past by Profile of Medical Practice series, as a primary source of baseline data on socioeconomic aspects of medicine.

This volume is primarily devoted to providing detailed information on medical practice characteristics in 1983 based on information data collected by SMS surveys. In addition, trends are shown for characteristics for which similar data was collected in the past by AMA Periodic Survey of Physicians (PSPs). In order to maintain continuity with the past, every effort has been made to ensure that data reported in the Gray Book from the PSPs is consistent with information in the Profile of Medical Practice 1981.

We caution users of the trend data to carefully note differences between the methodology used in collecting data in the PSPs and SMS, since these differences may indicate apparent rather than real changes in characteristics over time. Differences in the methodology of SMS from the PSPs are discussed by Mary Lou S. White and Stephen Zuckerman in their article on the "Design and Methodology of the AMA Socioeconomic Monitoring System" and further detailed in the appendices.

We have benefited from the guidance and assistance of many individuals in the planning and preparation of this edition of the Gray Book. We are particularly grateful to Lynn E. Jensen and Jack L. Werner, Director and Assistant Director, respectively, of the Center for Health Policy Research, who provided comments and advice at all stages of the development of this volume.

Roger A. Reynolds
Robert L. Ohsfeldt

August, 1984

THE DESIGN AND METHODOLOGY OF THE AMA SOCIOECONOMIC MONITORING SYSTEM

Stephen Zuckerman and Mary Lou S. White*

The Socioeconomic Monitoring System (SMS) was developed in 1981 in response to the need of physicians and policymakers for more timely and frequent socioeconomic information on the practice of medicine than has been available in the past. This program represents an outgrowth of over 15 years of AMA experience in monitoring socioeconomic aspects of medical practice. The third full program year for SMS will be completed in 1984.

SMS is designed to provide regular information on a range of characteristics of medical practice, such as physicians' earnings, expenses, work patterns and fees. In addition, a portion of each SMS survey is devoted to collecting information regarding current policy issues relating to the practice of medicine.

The purpose of this paper is to provide a description of the current SMS program design. The first section provides an overview of program characteristics. This is followed by discussions of the SMS survey sample design, questionnaire content, field procedures and aspects of the reporting SMS results.

OVERVIEW OF SMS PROGRAM CHARACTERISTICS

The four SMS surveys conducted each year include an annual core survey and three supplemental quarterly surveys. The annual and quarterly surveys differ in the range of information collected, sample size and the level of detail for which results are reported. The purpose of the annual core survey is to provide current data on a full range of economic and practice characteristics each year. The quarterly surveys focus on a more limited range of characteristics -- those for which changes occur rapidly and those for which information is needed on a more frequent basis. The quarterly surveys are also used to obtain information on topics of current policy concern. The average core survey interview lasts 25 minutes, while quarterly surveys average 16 minutes in length.

The annual core survey obtains data from approximately 4,000 physicians, while the quarterly surveys obtain data from approximately 1,200 physicians each. The sample size is the primary determinant of the level of disaggregation at which results can be reliably reported. Results are disaggregated into a larger number of specialties and geographical areas for the core survey than for the quarterly surveys.

* Stephen Zuckerman, Ph.D., is an Economist for the Center for Health Policy Research of the American Medical Association and Mary Lou S. White is Director of the Department of Survey Design and Analysis, Division of Survey and Data Resources, American Medical Association.

The annual core survey is fielded in the second calendar quarter of each year, beginning in early April. The timing of the beginning of the core survey is designed to coincide with the income tax return filing deadline in order to improve the reliability of information that can be obtained on physician earnings and practice expenses for the previous year. The quarterly surveys begin during the first weeks in January, July and October. The field periods for the core and supplemental quarterly surveys are respectively ten and six weeks.

SAMPLE DESIGN

The SMS surveys are designed to provide representative information on the population of all non-federal physicians who spend the greatest proportion of their time in patient care activities. This includes both office and hospital-based physicians, but excludes residents. Samples for SMS surveys are selected from the AMA Physician Masterfile. The Masterfile contains current and historical information on every Doctor of Medicine in the United States, including both members and nonmembers of the AMA. Graduates of U.S. medical schools who are temporarily practicing overseas, and graduates of foreign medical schools who live in the U.S. are also included on the file.

Data included on the Masterfile are obtained from primary sources including many organizations and institutions. The only information obtained directly from individual physicians concerns current professional activities and preferred mailing addresses. These data are obtained on a quadrennial basis from the entire U.S. physician population and on a monthly basis from those physicians with changes in address or professional status. These changes may be signaled by input from professional organizations, AMA mailings, or by physician correspondence.

In addition to limiting the sample to non-federal patient care physicians who have completed their residency programs, the following exclusions are made:

- Doctors of Osteopathy;
- graduates of foreign medical schools who are only temporarily licensed to practice in the United States;
- physicians for whom no current address is available, and
- physicians who were sampled for the Periodic Survey of Physicians (the SMS predecessor which was conducted by mail) or SMS during the last three years.

Further exclusions are made after sample selection. These include:

- physicians who spend fewer than 20 hours per week in patient care activities or are federal physicians as determined from screening questions at the beginning of each interview, and

- those who cannot be located by mail or telephone after exhaustive tracking efforts are made.

The sample design utilized for all surveys is a stratified, random sample with systematic selection from the listing of eligible physicians on the AMA Physician Masterfile. The strata are defined by nine major specialty groupings and ten geographical regions of approximately equal size. Systematic selection within each stratum assures that each specialty group and region is proportionally represented in the sample. The strata definitions are shown in Table 1. Stratification is used in SMS to increase the precision of certain of the sample estimates and to facilitate the analysis of individual stratum. Once the sample is selected, the representativeness of each stratum is reviewed to ensure that it is consistent with the stratum's population proportion.

In order to provide reliable estimates of short-term changes in certain indicators, SMS samples are designed to include a panel component. The panel consists of a portion of the sample from one SMS survey which is reinterviewed in a subsequent SMS survey. During 1983, the size and frequency of reinterviewing for the SMS panel component has varied in order to provide useful information in determining the most efficient design for future SMS surveys. Through the 3rd quarter of 1983 approximately 40 percent of the completed interviews were conducted as reinterviews with physicians who had been initially interviewed in the preceding quarter.

The annual core survey samples have also provided for a portion of reinterviews with physicians who had been initially interviewed in the same quarter of the previous year. The SMS program will be using only annual reinterviews of this type in all of its quarterly surveys. This design change was implemented in the 1st quarter of 1984. The change from quarterly to annual reinterviewing was made because more interest has focused on measuring changes in characteristics between similar periods from one year to the next than on changes between consecutive quarters.

QUESTIONNAIRE CONTENT

The SMS questionnaire consists of three distinct sections:

- screening questions to verify the physician's specialty and eligibility for the survey;
- a main questionnaire to collect information on practice, characteristics, hours worked, volume of services, fees for selected procedures, income and expenses; and
- special topics questions to provide information on emerging socioeconomic issues.

The screening and main questionnaire portion of the survey remain unchanged every quarter to provide the basis for estimating levels and changes in economic characteristics of medical practice. However, the

Table 1

SMS SURVEY SAMPLE STRATA

SPECIALTY STRATA*

1. General Practice, Family Practice
2. Allergy, Cardiovascular Diseases, Gastroenterology, Internal Medicine, Pulmonary Diseases
3. General Surgery, Neurosurgery, Ophthalmology, Orthopedic Surgery, Plastic Surgery, Colon and Rectal Surgery, Thoracic Surgery, Urology
4. Pediatrics, Pediatric Allergy, Pediatric Cardiology
5. Obstetrics and Gynecology
6. Radiology, Diagnostic Radiology, Therapeutic Radiology
7. Psychiatry, Child Psychiatry
8. Anesthesiology
9. Aerospace Medicine, Neurology, Occupational Medicine, Physical Medicine and Rehabilitation, General Preventive Medicine, Public Health, Dermatology, Pathology, Forensic Pathology, Other Specialty, Unspecified

STATE STRATA

1. Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
2. New York
3. Delaware, New Jersey, Pennsylvania, West Virginia
4. District of Columbia, Georgia, Maryland, North Carolina, South Carolina, Virginia
5. Alabama, Florida, Kentucky, Mississippi, Tennessee
6. Arkansas, Louisiana, Missouri, Oklahoma, Texas
7. Indiana, Michigan, Ohio
8. Illinois, Iowa, Minnesota, Wisconsin
9. Alaska, Arizona, Colorado, Hawaii, Idaho, Kansas, Montana, Nevada, Nebraska, New Mexico, North Dakota, South Dakota, Oregon, Utah, Wyoming, Washington
10. California

---

* The AMA Physician Masterfile classification of specialties is used in the specialty strata listing.

core survey includes an expanded main questionnaire portion to provide additional information on practice characteristics and final information on annual income and expenses for the previous year. The information requested in this expanded portion remains constant from one core survey to the next.

Questions for the main questionnaire were developed from a review of past surveys and through consultation with physicians, sources within the AMA and Mathematica Policy Research, Inc., an independent consulting firm that assisted in the development of the SMS program. Efforts were made to maintain consistency of questions with those from the PSPs from which trend information has been established over a period of years. However, modifications were made where it was deemed that the desired information would be more accurate if questions were changed. In addition, questions in the SMS surveys are designed so that physicians are asked only questions that are generally relevant to their specialty. A summary of the questionnaire used in the SMS surveys upon which this volume is based is included in Appendix A.

Special topics covered in SMS surveys during the last year have included:

- Physicians' Experiences with Medical Malpractice
- Utilization of Physician Services by Medicare Patients
- Uncompensated Medical Care
- Role of Profit in Medicine
- Physician Financial Arrangements with Hospitals

Special topics questions are formulated and reviewed by an AMA consultation committee whose members represent a broad range of activity areas. All questions that have not been previously used in SMS surveys are pretested prior to the survey fielding to evaluate the wording and ordering of questions and to determine the ability of respondents to provide the desired information.

FIELD PROCEDURES

The SMS data collection plan is designed to provide reliable information within a tight time schedule. The survey is completed primarily by telephone. Telephone administration significantly reduces the time required to produce survey results and increases the response rate. The surveys are administered by independent consulting firms contracted by the AMA. Mathematica Policy Research, Inc. of Princeton, New Jersey (MPR) conducted interviews for all surveys for the SMS program since the second quarter 1983.

Field procedures developed for SMS surveys reflect a complex effort to minimize bias from nonresponse and accommodate the busy schedule of physicians through careful advance preparation and intensive follow-up efforts to complete interviews. The activities involved in this effort are described below.

Advance Letter

Two weeks prior to data collection, advance letters are sent to each physician selected to be interviewed or reinterviewed. Each letter includes a brief description of the interview, the project sponsorship, identification of the survey contractor, information that the physician will be receiving a telephone call from an interviewer on the contractor's staff, and a pledge of data confidentiality. Each letter is printed on AMA letterhead and bears the signature of James H. Sammons, M.D., Executive Vice President of the American Medical Association. If a letter is returned due to an insufficient address, a search is initiated to obtain updated information so the physician may be sent another letter.

When the SMS program was initiated, many physicians indicated that they could not provide certain types of information during a telephone interview without advance preparation. As a result, questionnaire summaries were designed to provide the physician with a listing of the specific medical and surgical procedures for which fees will be requested as well as with a description of quarterly income and expenses. Beginning with the 3rd quarter 1983 survey, this insert has been enclosed with each advance letter. For the 1984 core survey, a worksheet that allowed the physician to record 1983 annual expenses for various items was included instead of the usual summary.

Telephone Search

Approximately two weeks prior to data collection, the survey contractor is provided names and addresses of physicians selected from the AMA Physician Masterfile. At this point, telephone "look up" is attempted. Since inadequate coverage is a potential problem for telephone surveys, considerable effort is expended to locate sample physicians.

The basic sources used in the telephone look-up include directory assistance, state and county medical societies, state licensing boards and hospitals. If the survey contractor is unable to obtain a telephone listing for a physician from these sources, the AMA Division of Survey and Data Resources lends assistance by reverifying the physicians' data contained on the AMA Physician Masterfile, contacting state, county and specialty societies, initiating traces of physicians from former addresses appearing on the Masterfile and checking medical society directories. This ensures that the proportion of physicians in each sample stratum most accurately reflects that of the population.

Interviewer Training

Two days of study-specific training in addition to general training are provided to each interviewer before working on SMS surveys. Training includes a detailed review of each question (including instruction on pronunciation of various medical terms), practice interviews, and a review of interviewing and administrative procedures. AMA staff actively participate in the training process either in person or via teleconferencing as insurance that all project specifications and instructions are clearly communicated, understood, and implemented.

During training, the contractor actively evaluates each potential interviewer for appropriate survey skills, such as reading ability, voice quality, grasp of the material and ability to develop rapport with physicians. The highest quality interviewers are then selected to work on the project.

Interview Process

Interviewing is conducted via a Computer Assisted Telephone Interviewing (CATI) process. This system produces a copy of the questionnaire on a computer screen. Responses to the questions are entered directly into the computer using this on-line system during the actual interview, eliminating any keypunching or separate data entry task. This reduces time schedules and maximizes quality by minimizing sources of error. In addition, this system has provided the ability to program range checks whereby a figure that is entered which exceeds the usual range automatically instructs CATI to prompt the interviewer to verify the response. This has helped reduce the number of invalid outlying responses.

A minimum of a 60 percent response rate is required in order to regard an SMS survey as complete. Vigorous efforts are made in order to achieve the cooperation of physicians and meet this standard because of the short field period of SMS surveys. These efforts include the following:

- Appointments for interviews are scheduled at the convenience of physicians at any time 13 hours a day from Monday through Saturday.
- A toll-free number allows physicians to complete the interview at their convenience.
- An optional mail questionnaire, tailored to each specialty and type of practice, is made available to physicians who indicate a preference for responding to the survey in writing rather than by telephone.
- Repeated callbacks (a minimum of four) to nonrespondents are made before abandoning efforts to interview the physician.
- Refusal conversion attempts are made by a select group of interviewers. A substantial number of physician decide to grant an interview at this stage.

The actual response rates achieved in SMS surveys since the beginning of 1983 are shown in Table 2. The results indicate the success SMS has had in meeting the minimum 60 percent response rate standard.

Quality Control

Each interviewer's work is monitored by the contractor's supervisory staff for both production and quality. AMA staff also monitor interviews by remote telephone hook-ups to ensure that a high level of quality is maintained throughout the survey. If indicated, the contractor is

TABLE 2

Number of Completed Interviews and Response Rates
in SMS Surveys, 1st Quarter 1983 to 2nd Quarter 1984

Survey	Number of Completed Interviews	Response Rate
1st Quarter 1983	1,237	65.0
2nd Quarter 1983 (Core Survey)	3,951	61.8
3rd Quarter 1983	1,240	65.0
4th Quarter 1983	1,202	63.6
1st Quarter 1984	1,208	65.6
2nd Quarter 1984 (Core Survey)	4,002	61.9

instructed to retrain interviewers or remove interviewers from the SMS study.

AMA staff also track the SMS survey production. A detailed review is made of all sample dispositions, both pending and final, on a weekly basis. As a result of this evaluation, the time schedule is reviewed and necessary recommendations are made to the contractor to enable the survey to be completed during the allotted field period.

Confidentiality

Data are entered via the CATI system and are released only in aggregate form without any individual respondent identifying information.

REPORTING OF SMS RESULTS

Results obtained from SMS surveys are widely disseminated. The SMS Report, a newsletter, is published approximately eight times a year to provide rapid dissemination of survey results. In order to reach the physician community, results are also published periodically in AMNews. Dissemination of information pertinent to the public is handled by the AMA Department of Public Information. Socioeconomic Characteristics of Medical Practice, or the "Gray Book", is an annual volume designed to provide more detailed results of SMS surveys than can generally be provided through other media.

Data from the SMS also serve as a basis for research on health policy issues. Analyses of such issues are disseminated through professional journals and conferences. This ensures that health policy analysts and researchers are apprised of important findings resulting from this program.

Results from SMS surveys are reported at differing levels of detail depending on the nature of the media and the degree of precision of the estimates of physician characteristics deemed appropriate for the report. A discussion of definitions and computation procedures employed in reporting SMS results is contained in Appendix B.

CONCLUSION

The Socioeconomic Monitoring System exemplifies a long-term commitment on the part of the American Medical Association to obtain valid and reliable socioeconomic information on the practice of medicine. The SMS Program complements AMA's other extensive data collection activities and its evolution represents a responsiveness to the need for the highest achievable data quality.

SMS Report

Socioeconomic Monitoring System

PAYMENT FOR PHYSICIANS' SERVICES*

The role of third-parties in paying for physicians' services has changed greatly in the past three decades. Data from the Health Care Financing Administration indicate that third-party reimbursement accounted for 17 percent of expenditures for physicians' services in 1950. By 1981 this had grown to 62 percent. Most recently, cost containment efforts have resulted in proposed changes that may alter this trend.

Many Fortune 500 firms have initiated programs to encourage pre-paid arrangements. Sixteen states have made cutbacks in Medicaid programs by reducing or limiting physician reimbursement levels. At the national level, Congress is considering several alternative methods for reimbursing physicians. One such proposal is to freeze Medicare payments to physicians by keeping the Medicare Economic Index at its current level.

These changes will impact on the method of payment for physicians' services. This report examines two aspects of the payment issue. Specifically, these are:

- distribution of physicians' patients among third-party payors in 1983; and
- changes from 1979 to 1983 in the percentage of physicians' fees covered for a follow-up office visit.

These aspects should reflect recent changes that have occurred in the area of payment for services. Current and proposed cost-containment efforts may lower percentage reimbursements. The recent 1981-82 recession, on the other hand, would be expected to affect the level and composition of service coverage.

The data presented are from two sources: the 1983 Socioeconomic Monitoring System (SMS) Core Survey and the 1979 Periodic Survey of Physicians (PSP). For comparability, this report only uses data on office-based physicians since hospital-based physicians were not surveyed in 1979.

Distribution of Patients Among Third-Party Payors

The impact of changes in reimbursement policies on physicians will vary, depending on the relative proportion of their patients covered by third-party payors. Table 1 describes the percentage of patients principally covered by the various third-party payors for physicians' services. Approximately 77 percent of physicians' patients were covered by these payors. Of this total, 29.7 percent were publicly covered, while

*Reprinted from SMS Report Volume 2, No. 6, October 1983.

47.6 percent were covered by a private payor. This implies that around 23 percent of the services received by patients were paid for out-of-pocket or by a third-party the physician was unaware of.

Data analyzed from the two surveys, but not presented in Table 1, indicate that the percentage of physicians' patients principally insured by public payors increased slightly, from 24 percent in 1979 to almost 30 percent in 1983. In 1983, approximately 21 percent were covered under Medicare and almost 9 percent under Medicaid as compared to 15.5 and 8.7 percent respectively, in 1979. The observed increase in Medicare patients is consistent with an increasingly aged population.

Table 1

PAYMENT FOR PHYSICIANS' SERVICES: PERCENT DISTRIBUTION OF PATIENTS BY PRINCIPAL THIRD-PARTY PAYORS, BY REGION AND SPECIALTY, 1983

	PUBLIC		PRIVATE		
	Medicare	Medicaid	Blue Shield	Other Private	Pre-Pay
ALL PHYSICIANS*	20.9%	8.8%	23.0%	22.6%	2.0%
REGION					
Northeast	20.6	8.5	26.8	18.9	2.3
North Central	23.6	8.0	23.1	21.8	2.1
South	20.9	8.9	22.2	24.4	0.9
West	18.1	9.8	21.2	23.4	3.8
SPECIALTIES					
General/Family Practice	25.4	10.6	19.0	18.0	2.6
Medical Specialties	22.3	10.2	21.3	20.0	1.7
Surgical Specialties	20.3	8.1	24.8	26.6	1.9

*Includes physicians in other specialties not reported separately.

The composition of patient coverage among third-parties varies by region and physician specialty. The West is different from other regions. Physicians in this region have 18.1 percent of their patients covered by Medicare and 9.8 percent by Medicaid, versus a national average of 20.9 and 8.8 percent, respectively. These physicians also provide services to more patients covered by pre-paid arrangements, 3.8 percent compared to 2.0 percent for all physicians, and less than 1.0 percent in the South.

The specialties most likely to be affected by reductions in the Medicare or Medicaid program are general and family practice (GP/FP) and medical specialties. On average, GP/FPs have 36 percent of their patients principally covered by these programs. On the other hand, surgical specialties rely more heavily on private payors, with only 28 percent of their patients covered by public third-party payors.

Changes in Reimbursement

Reimbursement to the physician for a follow-up office visit is an important component of an office-based physician's practice. Changes in these reimbursements will also affect physicians differently depending on their location and specialty. Table 2 presents the percentage reimbursement for this procedure under the Medicare and Medicaid programs and for Blue Shield plans that cover this service, for 1979 and 1983.

Table 2

PERCENTAGE OF FEE FOR FOLLOW-UP OFFICE VISIT COVERED BY THIRD-PARTY PAYORS, BY REGION AND PHYSICIAN SPECIALTY, 1979 AND 1983

	Percentage Fee Covered		
	Medicare	Medicaid	Blue Shield
ALL PHYSICIANS*			
1979	67.0%	53.6%	71.3%
1983	68.0	53.1	77.4
REGION			
Northeast			
1979	68.5	47.9	64.1
1983	72.6	45.2	69.9
North Central			
1979	65.9	58.5	75.6
1983	67.0	55.0	80.4
South			
1979	65.0	53.4	70.0
1983	68.5	56.3	77.1
West			
1979	68.3	55.8	76.3
1983	63.9	53.9	80.0
SPECIALTIES			
General/Family Practice			
1979	68.2	58.5	72.5
1983	70.3	58.2	77.0
Medical Specialties			
1979	68.5	53.7	70.9
1983	70.1	51.4	79.1
Surgical Specialties			
1979	68.9	51.6	72.3
1983	68.8	52.3	77.3

*Includes physicians in other specialties not reported separately.

The results show there are gaps in the percentage reimbursements among all payors in both years. While the gap between the Medicare program and Blue Shield plans was only 4.3 percentage points in 1979, this widened by 1983. Physicians were reimbursed 68 percent of their usual fee under Medicare and approximately 77 percent under Blue Shield plans, a gap of 9 percentage points in 1983. This most likely reflects the constraint imposed by the Medicare Economic Index.

Percentage reimbursements under the Medicaid program are significantly lower than for the other two payors. This percentage equaled 53 percent of physicians' usual fees in both years. Since the reimbursement levels under Medicare and Blue Shield grew over this time period, the gap between Medicaid and these other payors widened. Average percentage reimbursements under the Medicaid program were 15 percent lower than Medicare and 24 percent lower than Blue Shield in 1983.

Analysis of the data shows that the:

- percentage reimbursements under Medicare and Blue Shield generally increased over time while those under the Medicaid program declined; and

- regional spread in percentage reimbursements for the three programs was similar by 1983.

Changes over time in these three programs vary by region. Blue Shield reimbursements increased in all regions with the greatest change, 7 percentage points, occurring in the South. Medicare reimbursements generally increased except in the West, where percentage reimbursements dropped from approximately 68 percent to 64 percent. The only region in which Medicaid reimbursements grew was in the South, increasing from 53.4 to 56.3 percent in 1983.

The regional spread in percentage reimbursements under Medicare equaled only 3.5 percentage points in 1979. By 1983, physicians in the Northeast were reimbursed 72.6 percent under Medicare versus 63.9 percent in the West, a spread of 8.7 percentage points. This differential is closer to that existing under the Medicaid and Blue Shield programs, equal to more than 10.0 percentage points in both 1979 and 1983.

Variation by specialty in percentage reimbursements, shown in Table 2, is largest within the Medicaid program. General/family practitioners were reimbursed at approximately 59 percent versus a little over 52 percent for the surgical specialties in both years. Reimbursements under Medicare and Blue Shield did not vary more than 2 percentage points among specialties in either year.

* *
* The second annual core survey of the Socioeconomic Monitoring *
* System (SMS) consisted of interviews with 3,951 physicians. The *
* overall response rate was 61.8 percent. The 1979 Periodic Survey *
* of Physicians interviewed 4,506 physicians. The response rate *
* was 50.8 percent *
* *

SMS Report

Socioeconomic Monitoring System

CHANGING MEDICAL PRACTICE ARRANGEMENTS*

Over the past decade, there have been significant changes in the medical practice environment. An increasing supply of physicians, increasing cost-consciousness among medical consumers and third-party payors, advances in medical technology, rising costs of medical practice and increasing liability risk have lead physicians to alter practice arrangements. This report examines trends and variations in:

- traditional practice characteristics, including the size of practices, physician employment status, legal organization of practices, and income distribution methods; and
- emerging practice arrangements.

The report is based on the 1983 Socioeconomic Monitoring System (SMS) core survey and the 1975 AMA Periodic Survey of Physicians.

Distribution of Physicians by Practice Size

As shown in Table 1, the average number of physicians per practice increased over the period from 1975 to 1983. In 1975, 54.2 percent of physicians were solo practitioners compared with 16.8 percent in practices of five or more physicians. By 1983, the share of physicians in solo practice declined to 48.9 percent while the share of physicians in

Table 1

DISTRIBUTION OF PHYSICIANS BY SIZE OF PRACTICE, 1975 and 1983

Size of Practice Number of Physicians	Percent of Physicians* 1975	1983
One	54.2%	48.9%
Two	14.1	12.5
3-4	15.0	15.7
5-7	6.3	8.6
8-25	6.0	8.8
More than 25	4.5	5.3

*Excludes physicians employed by hospitals and government agencies.

*Reprinted from SMS Report Volume 2, No. 7, November 1983.

practices of five or more physicians increased to 22.7 percent. The share of two physician practices decreased, but the percentage of three and four physician practices increased.

The shift in the size-distribution of physician practices may be attributable to several factors. Advances in medical technology may require larger group practices to adequately utilize various types of practice capital. Physicians may be attempting to reduce their individual exposure to financial risk through larger group practices. The shift to larger group practices may also reflect the increasing attractiveness to physicians of alternatives to investment in medical practice.

Physician Employment

Practice opportunities for physicians have changed as a result of increasing competition. In 1983, 77 percent of physicians were self-employed, while 23 percent were employees of hospitals, state and local governments, and other institutions, as shown in Table 2. Self-employment was highest among surgical specialties and lowest among medical and "other" specialties, including pathology (54%), pediatrics (67%) and radiology (71%). With respect to physician age, young physicians were less likely to be self-employed than older physicians. This suggests that for many young physicians, the costs of purchasing or establishing a new practice may exceed their ability to borrow through capital markets, particularly in the presence of debts from medical education.

Table 2

PHYSICIAN EMPLOYMENT STATUS, 1983

	Self-Employed*	Hospital Employee	Government Employee	Other Employee
ALL PHYSICIANS	77%	9%	2%	12%
Specialty				
General/Family Practice	83	4	2	11
Medical Specialties	72	10	3	15
Surgical Specialties	87	3	1	9
Other Specialties	68	16	4	12
Physician Age				
Less than 36 years	61	11	2	26
36 to 45 years	77	10	3	10
46 to 55 years	80	8	3	9
More than 56 years	81	7	2	10

*Includes physicians who are sole or part owners of their main practice.

Table 3

PERCENT OF PHYSICIANS IN PROFESSIONAL CORPORATIONS
1975 and 1983

	1975	1983
ALL PHYSICIANS*	31%	54%
Specialty		
General/Family Practice	24	39
Medical Specialties	33	47
Surgical Specialties	48	64
Other Specialties	43	60

*Excludes physicians employed by hospitals and government agencies.

Legal Forms of Organization

Physicians have responded to the changing medical practice environment by altering the legal forms of organization of their practices. In 1983, 30 percent of physicians had their main practices in sole proprietorships, 9 percent in partnerships, and 54 percent in professional corporations. Less than one percent of physicians had their main practice in investor-owned for-profit organizations.

As reflected in Table 3, the share of physicians in professional corporations increased among all specialties from 1975 to 1983, with the largest rate of growth among general/family practice practitioners. The growth of professional corporations may be explained by the growth in physician supply, increases in unemployment, and cutbacks in government health insurance programs over this period. Physicians may cope with the increased financial risk of medical practice brought about by these changes by limiting their financial liability through incorporation. Potential tax advantages associated with professional corporations have reinforced this tendency over this period, but tax motivations may be less important in the future as a result of recent changes in the tax code.

Methods of Income Distribution in Non-Solo Practices

As the share of physicians in solo practice declines, the choice of the method by which practice proceeds are distributed to the individual physicians in group practices becomes increasingly important. In 1983, the most common form of compensation for non-solo physicians was a practice salary, followed by fee-for-service, as shown in Table 4. Among specialties, 41 percent of general/family practice physicians were compensated on the basis of fee-for-service, compared with 31 percent for medical specialties. Young physicians were less likely to be compensated on the basis of fee-for-service than older physicians. Other methods of income distribution, such as a percent of net or gross billings, were less common.

Table 4

METHODS OF PRACTICE INCOME DISTRIBUTION FOR NON-SOLO PHYSICIANS, 1983

	Fee-For Service	Salary	Percent of Net Billings	Percent of Gross Billings	Other
ALL PHYSICIANS*	34%	52%	6%	5%	3%
Specialty					
General/Family Practice	41	43	7	7	2
Medical Specialties	31	56	6	4	3
Surgical Specialties	37	49	7	4	3
Other Specialties	32	55	4	5	5
Physician Age					
Less than 36 years	26	58	6	6	4
36 to 45 years	34	52	6	5	3
46 to 55 years	36	50	5	4	4
More than 56 years	39	48	6	5	2

*Excludes solo physicians, and physicians employed by hospitals and government agencies.

Emerging Practice Arrangements

In an effort to attract and retain patients, some physicians nave begun to provide various types of medical services in new types of practice settings. In addition to increased convenience for patients, certain medical services may be provided in these settings at a cost savings over traditional medical care facilities. Among the new types of practice settings are free-standing primary care or emergency centers operated either by hospitals or by chains that have centers operating under the same name. Of the physicians responding to the 1983 SMS core survey, 57 percent indicated that at least one of these types of centers existed in their area of practice. Overall, 9 percent indicated that they provide some care at such centers. However, physicians providing care at such centers spent only a small portion of their total patient care hours (an average of 13 hours per week) practicing at these facilities.

With respect to the ownership of these free-standing centers, 50 percent of the physicians indicated that the free-standing facility in which they provided care was operated by a not-for-profit hospital, 13 percent indicated that it was operated by a physician-owned chain of centers, 10 percent indicated it was operated by a non-physician investor-owned chain, and 9 percent indicated the center was operated by a for-profit hospital. This suggests that despite a significant presence of investor-owned for-profit facilities, these new types of practice settings are predominantly operated by not-for-profit hospitals.

* The 1983 SMS core data contains a representative sample of 3,951 nonfederal patient care physicians, excluding residents. The SMS survey achieved a response rate of 61.8 percent.

SMS Report

Socioeconomic Monitoring System

THE ROLE OF PROFIT IN MEDICINE*

The number of proprietary hospitals has been growing at a rapid pace increasing by 14 percent from 1981 to 1982. This change has resulted in a 12 percent increase in the number of proprietary beds. By the end of 1982, more than 10 percent of all hospitals were proprietary in nature and proprietary interests controlled 11 percent of all hospital beds. Health analysts have predicted that by 1990, proprietary organizations will control 20 percent of the hospital market.

This shift in the structure of the hospital industry has generated considerable interest in its effects on medical practice. This report summarizes the:

- distribution of physicians with primary admitting privileges in proprietary and nonproprietary hospitals by specialty, sex, years of practice, type of practice, and census region; and

- average income, hours worked, hospital utilization, and time spent with patients for physicians with primary admitting privileges in proprietary and nonproprietary hospitals.

The data are drawn from the AMA's second quarter 1983 Socioeconomic Monitoring System (SMS) survey.

Distribution of Physicians in Proprietary and Nonproprietary Hospitals

One perspective for gaining insight into the influence of proprietary organizations on physicians is to compare certain characteristics of physicians in proprietary and nonproprietary hospitals. This report compares two groups of physicians: those who admit their patients primarily to proprietary hospitals with those who admit their patients primarily to nonproprietary hospitals. Data analyzed, but not shown in any of the following tables, indicate that nearly one out of every seven physicians (13.9%) with hospital admitting privileges admit their patients primarily to a proprietary hospital. In contrast, 86.1 percent of physicians with hospital admitting privileges have their principal privileges in a nonproprietary hospital.

Table 1 reports the distribution of physicians within proprietary and nonproprietary hospitals by specialty, sex, years of practice, type of practice, and census region. Examination of these data reveals that the

*Reprinted from SMS Report Volume 2, No. 8, November 1983.

Table 1

DISTRIBUTION OF PHYSICIANS IN PROPRIETARY AND NONPROPRIETARY HOSPITALS BY SPECIALTY, SEX, YEARS OF PRACTICE, TYPE OF PRACTICE, AND REGION, 1983*

	Proprietary Hospitals	Nonproprietary Hospitals
SPECIALTY		
General and Family Practitioners	10.4	16.2
Medical Specialists	22.9	25.5
Surgical Specialists	31.3	31.4
Other Specialists	35.4	26.9
SEX		
Male	89.6	94.3
Female	10.4	5.7
YEARS OF PRACTICE		
Less than 5 years	27.8	18.6
5-14 years	36.1	34.6
15-24 years	16.0	22.7
25 or more years	20.1	24.1
TYPE OF PRACTICE		
Solo	29.8	28.4
Non-solo	70.2	71.6
REGION		
Northeast	12.5	19.4
North Central	7.0	27.1
South	48.6	31.6
West	31.9	21.9

*Sample includes only physicians with hospital admitting privileges.

specialty distribution of physicians in proprietary and nonproprietary hospitals is not uniform. Only 10.4 percent of the physicians who work primarily in a proprietary hospital are general and family practitioners. This compares to 16.2 percent for those in nonproprietary hospitals. In contrast, there is little difference in the distribution of medical and surgical specialists in proprietary and nonproprietary hospitals.

In proprietary hospitals there is a greater percentage of female physicians than in nonproprietary hospitals. For proprietary hospitals, 10.4 percent of the physicians are female compared to only 5.7 percent for the nonproprietary hospitals.

Proprietary hospitals have a larger proportion of physicians with less than 5 years experience than do nonproprietary hospitals. Over one quarter (27.8%) of the physicians who work in proprietary hospitals have been in medical practice less than 5 years. By comparison, less than one fifth (18.6%) of the physicians who work in nonproprietary hospitals have been practicing less than 5 years.

Table 1 indicates that the distribution of solo and non-solo physicians in proprietary and nonproprietary hospitals is almost identical. Approximately thirty percent of the physicians (29.8 and 28.4) that admit their patients to either a proprietary or nonproprietary hospital are solo practitioners.

Proprietary hospitals have grown most rapidly in the southern and western census regions. The distribution of physicians in proprietary settings follows closely the geographic distribution of these hospitals. As Table 1 shows, the majority of physicians with their principal privileges in proprietary hospitals are located in the southern and western census regions (48.6% and 31.9% respectively).

Physician Practice Characteristics by Type of Hospital

As noted, there has been considerable interest in the influence of proprietary hospitals on physician practice characteristics. Table 2 reveals that physicians whose primary admitting privileges are in proprietary hospitals had average net incomes of $112,400 in 1982. (Note: net income represents earnings after expenses but before taxes.) This was slightly less than the $113,000 that physicians in nonproprietary hospital settings earned. There was also little difference in practice expenses between these two groups of physicians. Physicians whose principal admitting privileges were in proprietary hospitals had $85,100 in practice expenses while physicians with their principal admitting privileges in nonproprietary hospitals had $82,100 in practice expenses.

Physicians with primary admitting privileges in proprietary hospitals, on average, work almost an identical number of total hours per week as physicians with privileges in nonproprietary hospitals, 57.0 and 57.9, respectively. Likewise, physicians in proprietary hospitals spend virtually the same amount of time in the office (27.0) as do their nonproprietary counterparts (26.7). In contrast, nonproprietary hospital physicians spend relatively more time on hospital rounds than physicians in proprietary hospitals, 10.8 hours versus 9.5 hours, respectively.

Table 2

PHYSICIAN AVERAGE INCOME, EXPENSES, HOURS WORKED, HOSPITAL UTILIZATION, AND TIME SPENT WITH PATIENTS BY TYPE OF HOSPITAL, 1983*

	Proprietary Hospitals	Nonproprietary Hospitals
INCOME AND EXPENSES**		
Net Income	$112,400	$113,000
Practice Expenses	85,100	82,100
HOURS WORKED PER WEEK		
Total	57.0	57.9
Office	27.0	26.7
Hospital	9.5	10.8
HOSPITAL UTILIZATION		
Patients Discharged Per Week	4.3	5.0
Length of Stay (Days)	6.4	5.7
TIME SPENT WITH PATIENTS		
Minutes per Hospital Visit	28.6	28.4

* Sample includes only physicians with hospital admitting privileges.
** Income and expense data are for 1982.

The similarity between physicians with principal admitting privileges in proprietary and nonproprietary hospitals can also be observed by examining patterns of hospital utilization and time spent with patients. As shown in Table 2, physicians in nonproprietary hospitals discharge, on average, 5.0 patients per week compared to 4.3 patients per week for physicians in proprietary hospitals.

Overall, Table 2 reveals that patients of physicians in proprietary hospitals have a slightly longer length of stay than patients of physicians in nonproprietary hospitals. Patients of physicians in proprietary hospitals stay an average of 6.4 days while patients of nonproprietary hospital physicians stay 5.7 days. The amount of time spent with patients for these two groups of physicians, however, is nearly identical, 28.6 minutes per hospital visit compared to 28.4 minutes.

In summary, while there are some differences between physicians whose principal privileges are in proprietary and nonproprietary hospitals, overall these differences appear small. Perhaps as proprietary hospitals continue to grow, differences in their physician populations will become more apparent, but at this time, these differences are not evident.

* *
* The second annual core survey of the Socioeconomic Monitoring *
* System (SMS) consisted of interviews with 3,951 physicians. The *
* overall response rate was 61.8 percent. *
* *

SMS Report

Socioeconomic Monitoring System

DIFFERENCES IN PRACTICE CHARACTERISTICS BETWEEN FEMALE AND MALE PHYSICIANS*

The proportion of female physicians within the physician population is growing. From 1970 to 1981, the percentage of female physicians increased from 7.7 percent to 12.2 percent. Correspondingly, 16.3 percent of physicians under the age of 45 in 1981 were female compared with 7.7 percent of physicians over 45 years old. Female physicians are also relatively concentrated in certain specialty groups. In 1981 females comprised 8.9 percent of general/family practitioners and 5.6 percent of surgeons, in contrast to 15.4 percent of medical specialists and 15.1 percent of other specialists.

Past studies by Kehrer and Langwell (Journal of Human Resources, 1976 and 1982 respectively) have indicated that, in addition to differences in their age and specialty distributions, there are differences in the socioeconomic practice characteristics of male and female physicians. This report provides further information on the socioeconomic characteristics of male and female physicians. Specifically, the report:

- compares male and female physicians with respect to employment status, practice hours, patient visits, and earnings; and
- examines the degree to which differences in these characteristics may be accounted for by differences in age and specialty distributions.

The data used are from SMS surveys for the first through fourth quarters of 1983 and the AMA Eighth Periodic Survey of Physicians.

Differences in Employment Status, Practice Hours and Visits per Week

Female physicians were less likely to be self-employed and, on average, practiced fewer hours and had fewer patient visits per week than their male counterparts in 1983. As shown in Table 1, the share of female physicians who were self-employed was 26.4 percent smaller than among male physicians. Female physicians on average worked 7.9 percent fewer hours and saw 18.5 percent fewer patients per week than male physicians.

The lower percentage of self-employed physicians among females may result in part from differences in the age distribution of male and female physicians. Among age groups, the differential in the likelihood of self-employment is largest for physicians 40 years of age or younger, and

*Reprinted from SMS Report Volume 3, No. 2, March 1984.

Table 1

DIFFERENCES IN EMPLOYMENT STATUS, PRACTICE HOURS, AND PATIENT VISITS BETWEEN FEMALE AND MALE PHYSICIANS, 1983

	Percent Difference Between Female and Male Physicians		
	Share Self-Employed	Total Practice Hours Per Week	Total Visits Per Week
ALL PHYSICIANS	-26.4%	-7.9%	-18.5%
Specialty			
General/Family Practice	-30.8	-14.1	-21.7
Medical Specialties	-25.6	-10.6	-18.9
Surgical Specialties	-13.5	0.7	-17.8
Other Specialties	-23.4	-6.9	-11.6
Age Group			
40 years or less	-28.4	-10.6	-20.1
40-55 years	-25.2	-6.6	-16.6
56 years or more	-21.7	-12.1	-17.3
Employment Status			
Self-employed	--	-5.4	-21.1
Employee	--	-8.6	-4.3

smallest for physicians over the age of 55. This may be explained by the greater potential for career interruptions among younger female physicians (e.g., for child bearing and rearing). Since career interruptions are likely to be more costly for self-employed physicians because of the foregone returns to the investment in developing a practice, younger females may prefer to practice medicine as employees to avoid these costs.

For the most part, differences in hours and visits are not attributable to differences in specialty and age distributions. Indeed, in many cases the differences between female and male physicians are larger for physicians within similar specialty and age groups. Among surgeons, however, there was no significant difference in hours worked between females and males. The difference in total visits was smaller for employee physicians than for self-employed physicians.

Earnings Differences Between Female and Male Physicians

Female physicians, on average, earn less from medical practice than male physicians. As indicated in Table 2, the average net income (income after expenses but before taxes) of male physicians in 1982 was $102,000, compared to $65,200 for female physicians. Part of this income differential is attributable to differences between female and male physicians in hours practiced, specialty, age, and employment status. For example, as noted previously, females tend to work fewer hours than males. Thus, adjusting income for hours of practice reduces the magnitude of the

earnings differential. The difference in average net income per hour of practice between male and female physicians in 1982 was 24 percent, compared to the 36 percent difference in average net income before adjusting for hours of practice.

The differential also narrows in most cases if the average net income per hour of practice for female and male physicians within the same specialty are considered. For example, in 1982 females in general/family practice earned 19 percent less per hour of practice than their male counterparts. Similarly, females in medical specialties earned 31 percent less, females in surgical specialties earned 21 percent less, and females in other specialties earned 20 percent less than males in the same specialty classification.

At least part of the remaining differential results from differences in the age distribution of female and male physicians. Indeed, among physicians over the age of 55, female physicians on average earned more per hour than males in 1982. On the other hand, female physicians 40 years of age or younger earned 14 percent less, and female physicians 41-55 years old earned 28 percent less, than males in the same age group.

Since self-employed physicians have higher average earnings than employee physicians, the earnings differential may also reflect differences in employment status between male and female physicians. Results not shown in Table 2 indicate that in 1982 among self-employed physicians, females earned 18 percent less per hour than males. Among employee physicians, females earned 21 percent less per hour than males. Both of these earnings differentials are smaller than the 24 percent differential in earnings per hour before adjusting for employment status.

Differences in earnings between male and female physicians that remain after accounting for differences in hours of practice, specialty, age and employment status may result from a variety of factors, such as differences in case-mixes and board certification status. As noted by Langwell in an earlier study, some patients may also prefer to be treated by male physicians. This would tend to reduce patient visits for female physicians, and in turn reduce earnings. However, earnings differentials do not appear to result from differences in productivity, at least as indicated by the average length of an office visit (30.5 minutes for females and 31.6 minutes for males).

Finally, to determine whether the gap in earnings between male and female physicians has increased or decreased over time, differences in rates of growth in net practice income and net income per hour are examined. For female physicians, net income increased from $27,600 in 1972 to $65,200 in 1982 -- an average annual rate of increase of 9.0 percent. For male physicians, the average annual rate of increase in net income was 7.9 percent over the same period. In terms of income per hour, the average annual rate of growth from 1972 to 1982 was 6.8 percent for female physicians and 6.2 percent for male physicians. Moreover, the rates of growth in both net income and net income per hour are higher for females than males within all four specialty classifications and two of three age groups. Thus, the earnings differential between male and female physicians appears to be closing slowly over time.

Table 2

AVERAGE ANNUAL NET INCOME AND INCOME PER HOUR AFTER EXPENSES BEFORE TAXES BY SEX AND SPECIALTY, 1972 AND 1982

	Net Income ($1000)			Income per Hour ($)		
	1972	1982	Average Annual Percent Change	1972	1982	Average Annual Percent Change
ALL PHYSICIANS						
Male	47.9	102.0	7.9%	21.9	39.8	6.2
Female	27.6	65.2	9.0	15.6	30.1	6.8
Specialty						
General/Family Practice						
Male	41.6	72.8	7.0	18.6	27.1	3.8
Female	22.3	50.5	8.5	13.0	22.0	5.4
Medical Specialties						
Male	43.9	86.3	7.0	19.4	32.0	5.1
Female	23.5	48.8	7.6	13.3	22.2	5.3
Surgical Specialties						
Male	55.8	126.1	8.5	25.4	49.2	6.8
Female	35.2	92.4	10.1	18.7	38.8	7.6
Other Specialties						
Male	47.5	109.0	8.7	22.7	44.5	7.0
Female	28.9	74.5	9.9	16.7	35.8	7.9
Age Groups						
40 years or less						
Male	43.2	93.6	8.0	19.6	37.1	6.6
Female	24.3	60.2	9.5	14.4	31.8	8.2
40-55 years						
Male	53.3	115.8	8.1	22.5	45.5	7.3
Female	32.8	73.2	8.4	17.5	32.7	6.5
56 years or more						
Male	42.8	89.8	7.7	22.7	38.9	5.5
Female	21.8	69.5	12.3	13.3	39.1	11.4

Source: 1983 SMS Core Survey and the 8th Periodic Survey of Physicians.

* The SMS surveys for 1st through 4th quarters of 1983 contain a representative sample of 7,630 non-federal patient care physicians and achieved a pooled response rate of 63.0 percent.

SMS Report

Socioeconomic Monitoring System

PHYSICIANS' INVOLVEMENT WITH MEDICARE*

In recent years, the rate of increase in expenditures on health care has received a great deal of attention. Nowhere is this more evident than with the Medicare program, which in 1982 accounted for $52.2 billion (or 16 percent) of the nation's health care expenditures. The Medicare hospital insurance trust fund is predicted to go heavily into debt sometime during the next decade, and substantial efforts are being made to restrain the program costs of Part B of Medicare, or supplementary medical insurance.

Concern over Medicare expenditures has already led to a number of changes in the program. The most dramatic change is a shift in the reimbursement for hospital services from a cost-based approach to a prospective pricing system based on diagnosis related groups (DRGs). Further initiatives may also be proposed for the Medicare program in the future.

Changes in Medicare may have different impacts on various segments of the physician population, depending upon location, specialty, and other factors. Therefore, this report not only examines the overall extent of physicians' involvement with Medicare patients, but also the degree to which this involvement varies among individual physicians. Specifically, information is presented on:

- the average share and distribution of Medicare patient visits among physicians; and
- the distribution of visits for Medicare and non-Medicare patients by practice setting.

The data are drawn from the AMA's Fourth Quarter 1983 Socioeconomic Monitoring System (SMS) survey.

Physicians' Visits with Medicare Patients

Table 1 presents the average share of physicians' visits that are with Medicare patients. For all physicians, Medicare accounts for just under a third of total visits. This average indicates the importance of the Medicare program as a payor for physicians' services. The shares of Medicare visits are approximately the same for various practice settings. In particular, 26.0 percent of office visits and 30.6 percent of hospital rounds are with Medicare patients.

*Reprinted from SMS Report Volume 3, No. 3, May 1984.

Table 1

AVERAGE SHARE OF WEEKLY VISITS WITH MEDICARE PATIENTS
BY SPECIALTY AND REGION: FOURTH QUARTER 1983

	Share of Visits with Medicare Patients		
	Total Visits[1]	Office Visits	Hospital Rounds
ALL PHYSICIANS[2]	30.0%	26.0%	30.6%
Specialty			
General and Family Practice	28.0	24.1	28.8
Medical Specialties	43.9	36.7	45.6
Surgical Specialties	25.7	24.4	27.7
Region:			
Northeast	33.3	29.0	33.1
North Central	30.8	25.2	31.4
South	27.8	24.8	28.4
West	29.0	25.4	30.5

[1] Includes visits in emergency rooms, outpatient clinics and at all other locations.
[2] Excludes psychiatry, radiology, anesthesiology and pathology.

Table 1 also indicates clear differences among specialties. Medical specialists have over 40 percent of their total visits with Medicare patients, compared to less than 30 percent for those physicians in general and family practice and the surgical specialties. This difference is evident in both office visits and hospital rounds. However, there is little regional variation in the percentage of physicians' visits that are with Medicare patients.

The differences among specialty groups indicate that the importance of Medicare visits in individual practices can vary. A more detailed depiction of this variation is presented in Figure 1. This figure indicates that for about half of all physicians, Medicare patients account for 25 percent or less of total visits. However, Figure 1 also shows that for approximately 22 percent of physicians, Medicare patients account for 50 percent or more of total visits. Thus, changes in the Medicare program might have relatively little impact on many physicians, but for a substantial segment such changes could affect the major portion of their practice.

For most of the major specialty groups, the distribution of physicians by their degree of involvement with Medicare is similar to the distribution in Figure 1. That is, more than half of general and family practitioners and surgical specialists have 25 percent or less of their total visits with Medicare patients. However, a much different picture is presented for physicians in the medical specialties.

DISTRIBUTION OF PHYSICIANS BY PERCENTAGE OF TOTAL VISITS WITH MEDICARE PATIENTS: FOURTH QUARTER 1983

Figure 1

All Physicians*

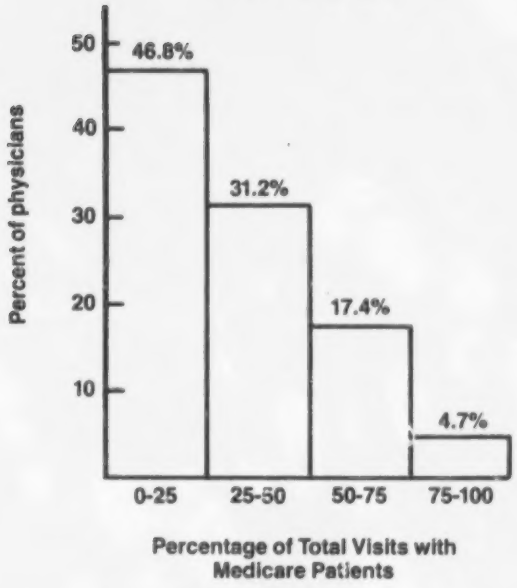
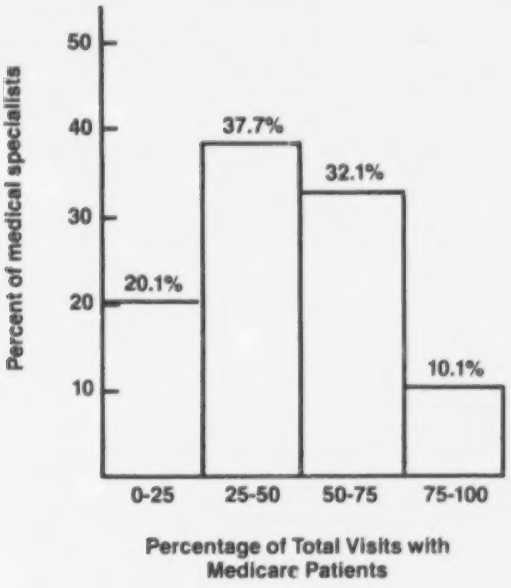


Figure 2

Medical Specialists



*Excludes psychiatry, radiology, anesthesiology, and pathology

Figure 2 indicates that only 20.1 percent of medical specialists have practices where Medicare accounts for 25 percent or less of patient visits. Furthermore, for 42 percent of physicians in these specialties, Medicare patients accounted for half or more of their total visits.

Distribution of Visits by Practice Setting

A report from the federal government on Medicare's prospective pricing system for hospital care stated that the ability of a hospital to respond to prospective pricing incentives would depend on the ability of the hospital administration to transmit those incentives to admitting physicians. If pressures are placed on physicians to change their methods of practice in a hospital setting, then some shifting in practice settings may occur. The Socioeconomic Monitoring System has therefore begun to collect information on Medicare and non-Medicare visits by type of setting, in order to monitor any possible changes that may occur in the future.

Table 2 indicates that for all physicians 56.8 percent of Medicare visits are in the office, while 28.4 percent are in the hospital. However, physicians in the medical specialties have a substantially higher proportion of their Medicare visits in a hospital setting than do other

Table 2

DISTRIBUTION OF VISITS FOR MEDICARE AND NON-MEDICARE PATIENTS BY PRACTICE SETTING: FOURTH QUARTER 1983

	Medicare Patients			Non-Medicare Patients		
	Office	Hospital	Other Settings[2]	Office	Hospital	Other Settings[2]
ALL PHYSICIANS[1]	56.8%	28.4%	4.1%	63.4%	24.6%	0.6%
Specialty						
General and Family Practice	64.5	19.3	10.1	79.6	13.2	1.0
Medical Specialties	44.1	42.3	3.7	53.0	36.5	1.0
Surgical Specialties	64.7	30.1	1.4	65.3	28.4	0.1

1 Excludes psychiatry, radiology, anesthesiology, and pathology.
2 Other settings explicitly include nursing homes, convalescent homes, and extended care facilities. The percentage of visits do not sum to 100 percent because visits in the emergency room (ER) are omitted.

physicians. This comparatively high percentage may suggest that physicians in the medical specialties will be more likely than other types of physicians to be affected by pressures created by DRGs. At present, these patterns of visits by practice setting are similar to the pattern displayed by non-Medicare patients.

In summary, there is substantial variation in the degree to which physicians are involved with Medicare. While some physicians have little or no contact with Medicare patients in their individual practices, a substantial number of physicians have practices that are predominantly oriented toward Medicare recipients. In particular, those physicians in the medical specialties have both a higher overall level of involvement with Medicare patients, and a higher level of involvement in a hospital setting.

* *
* The fourth quarter 1983 survey of the Socioeconomic Monitoring *
* System (SMS) consisted of interviews with 1,202 physicians. The *
* overall response rate was 63 percent. *
* *

SMS Report

Socioeconomic Monitoring System

PROFIT IN MEDICINE: THE IMPACT ON HOSPITAL STAFFING PATTERNS AND PHYSICIAN PRACTICE BEHAVIOR*

The rapid growth of proprietary hospitals in recent years has raised concerns about the role of profit in the practice and delivery of medical care. In particular, these concerns have focused on the role that investor-owned hospitals would have on physicians' clinical decisions. In a recent SMS Report entitled "The Role of Profit in Medicine" (Vol. 2, No. 8), selected practice characteristics of physicians in proprietary and nonproprietary hospitals were compared. This investigation is continued here by examining the staffing patterns and practice conditions of physicians in proprietary and nonproprietary hospitals. In particular, this report examines the:

- medical staffing patterns of proprietary and nonproprietary hospitals; and
- development and/or implementation of programs designed to monitor and influence physician behavior in the hospital by proprietary and nonproprietary hospitals.

The data are taken from two sources. Information on staffing patterns within proprietary and nonproprietary hospitals are from the 1982 American Hospital Association Annual Survey, a national survey of all hospitals in the United States. Data on hospital programs designed to influence physician practice behavior are drawn from the First Quarter Survey of the AMA's 1984 Socioeconomic Monitoring System (SMS). This survey consists of interviews with 1,208 physicians. The overall response rate was 65.6 percent.

Medical Staffing Patterns in Proprietary and Nonproprietary Hospitals

A key issue in the debate regarding proprietary and nonproprietary hospitals is whether medical staffing patterns in proprietary hospitals are different from medical staffing patterns in nonproprietary hospitals. This section compares by specialty and hospital ownership: (1) the number of active and associate medical staff per 100 hospital beds, and (2) board-certified active and associate medical staff per 100 hospital beds.

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Table 1 indicates that, on average, proprietary hospitals have more medical staff and board-certified medical staff per 100 beds than do nonproprietary hospitals. In 1982, proprietary hospitals had an average of 49.8 medical staff per 100 beds compared to 37.3 medical staff per 100 beds in nonproprietary hospitals. This difference in medical staffing patterns persists even when examining board-certified medical staff. Proprietary hospitals have, on average, 17 percent more board-certified physicians per 100 hospital beds than do nonproprietary hospitals — 28.8 per 100 beds compared to 24.6 per 100 beds, respectively.

Table 1

MEDICAL STAFFING PATTERNS IN PROPRIETARY AND NONPROPRIETARY HOSPITALS*
(per 100 hospital beds)

	Medical Staff		Board-Certified Medical Staff	
	Proprietary	Non Proprietary	Proprietary	Non Proprietary
General/Family Practice	8.7	7.9	3.2	3.2
Medical Specialties	14.1	10.6	8.4	7.2
Surgical Specialties	17.1	11.6	10.9	8.5
Hospital Specialties**	4.9	4.1	3.4	3.2
Total***	49.8	37.3	28.8	24.6

Source: American Hospital Association 1982 Annual Survey

*Includes only active and associate medical staff members.
**Hospital specialists include anesthesiologists, radiologists, and pathologists.
***Includes other specialties not reported separately.

Analyzing the data by specialty reveals that differences in staffing patterns between proprietary and nonproprietary hospitals are greatest for the surgical specialties. Proprietary hospitals have 17.1 surgical specialists per 100 beds compared to 11.6 for nonproprietary hospitals. Only for board-certified general/family practice and hospital specialties do proprietary and nonproprietary hospitals have similar medical staffing patterns.

Influence of Hospital Ownership on Physician Practice Behavior

Concern about the role of profit in medicine has focused on the impact of proprietary hospitals on physician practice behavior. This section uses AMA first quarter 1984 SMS data to examine the influence of hospital ownership on physicians' practice patterns and behavior.

Data analyzed but not shown in the tables indicate that approximately 13 percent of all physicians with admitting or medical staff privileges are primarily affiliated with a proprietary hospital. However, many physicians have admitting or medical staff privileges at more than one hospital. On average, our evidence shows that physicians whose primary hospital is nonproprietary have privileges at 2.2 hospitals. Alternatively, physicians in proprietary hospitals have privileges at 2.8 hospitals.

Taking multiple privileges into account changes one's perception about the extent of physician involvement with proprietary hospitals. Of those physicians whose primary admitting hospital is nonproprietary, 11.9 percent also admit patients to at least one proprietary hospital. As a result, one out of every four physicians with hospital privileges has some contact with the proprietary hospital sector.

Table 2 reports information on hospital programs that are intended to monitor and influence physicians' practice behavior. In general, it appears that nonproprietary hospitals are more likely to establish programs for reducing and reviewing the length of patient stay than proprietary hospitals. For example, 71.8 percent of physicians with their primary privileges in nonproprietary hospitals report that their hospital has set guidelines to reduce the length of a patient's stay. Only 65.9 percent of physicians with their primary privileges in proprietary hospitals report that their hospital has set such guidelines. However, data collected but not reported in Table 2 indicate that proprietary hospitals were more active in implementing new hospital utilization review programs during 1983 than nonproprietary hospitals.

For those physicians who indicate that their hospital has set guidelines to reduce the length of patient stay, nonproprietary hospitals appear more likely than proprietary hospitals to restrict physicians' clinical discretion. For example, Table 2 indicates that 41.1 percent of the physicians with their primary privileges in nonproprietary hospitals indicate that their hospital has attempted to reduce the number of diagnostic tests they order compared to 39.8 percent of the physicians in proprietary hospitals. Furthermore, physicians in nonproprietary hospitals indicate that their hospital is more likely to have attempted to reduce the number of treatment procedures prescribed and the number of services offered than their counterparts in nonproprietary hospitals. However, these differences appear to be small.

Table 2

HOSPITAL INFLUENCE ON THE PRACTICE OF MEDICINE
BY TYPE OF HOSPITAL OWNERSHIP

	Proprietary Hospitals	Nonproprietary Hospitals
Does hospital set guidelines to reduce length of stay	65.9	71.8
Does hospital review length of stay after discharge	84.9	90.1
Does hospital formally review clinical decisions	83.0	79.8
If the hospital has set guidelines to reduce the length of stay:		
Has the hospital attempted to reduce the number of diagnostic tests you order	39.8	41.1
Has the hospital attempted to reduce the number of treatment procedures you prescribe	26.7	32.2
Has the hospital reduced the range of services it provides	6.7	9.5

Source: American Medical Association, First Quarter 1984 Socioeconomic Monitoring System.

In summary, the evidence presented in this report indicates that concerns raised about the role of investor-owned hospitals in influencing the practice of medicine may be overstated. This report finds that proprietary hospitals, on average, have larger medical staffs and board-certified medical staff per 100 beds than nonproprietary hospitals. Moreover, it does not appear that proprietary hospital ownership, compared to nonproprietary ownership, has adversely restricted physicians' clinical discretion. Physicians at proprietary hospitals are somewhat less likely to report that their hospital has guidelines on length of stay or a length of stay review program. They are, however, somewhat more likely to indicate that their hospital reviews physicians' clinical decisions.

DETAILED TABULATIONS

TABLE 1. MEAN NUMBER OF WEEKS PRACTICED, 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	46.8	47.3	46.8	46.9	47.3	47.2	45.2	47.1	45.5	48.1
CENSUS DIVISION										
NEW ENGLAND	46.6	48.4	45.7	46.6	47.3	46.5	45.7	45.9	46.5	.
MIDDLE ATLANTIC	46.9	45.9	47.3	46.9	47.8	47.2	46.5	47.9	44.1	48.3
EAST NORTH CENTRAL	46.6	46.2	47.4	46.9	46.5	47.1	45.4	47.3	45.0	48.4
WEST NORTH CENTRAL	45.9	47.3	45.5	45.6	46.1	46.3	43.2	46.2	42.4	48.0
SOUTH ATLANTIC	47.0	47.8	47.1	46.6	46.6	47.0	46.2	47.3	46.7	49.0
EAST SOUTH CENTRAL	48.1	48.5	47.3	48.1	49.1	47.8	46.6	48.3	46.3	.
WEST SOUTH CENTRAL	47.5	49.0	46.3	47.1	47.5	48.4	45.2	46.9	47.7	48.3
MOUNTAIN	46.2	47.4	43.1	46.7	47.4	46.4	42.4	.	46.3	.
PACIFIC	46.7	46.5	47.3	47.1	47.8	47.1	43.3	46.6	44.9	45.6
TYPE OF PRACTICE										
SOLO	47.7	48.0	47.7	47.6	48.9	47.6	48.1	47.0	46.5	47.8
NON-SOLO	46.2	46.3	46.0	46.1	46.4	46.7	44.7	47.2	45.1	48.2
LOCATION										
NONMETROPOLITAN	47.6	48.2	46.7	46.9	48.0	47.6	49.1	44.6		
METROPOLITAN										
LESS THAN 1,000,000	46.7	47.2	46.6	46.5	47.8	47.1	45.0	47.6	45.5	48.3
1,000,000 AND OVER	46.8	46.6	46.9	47.2	46.8	47.2	44.9	47.0	45.5	47.8
EMPLOYMENT STATUS										
SELF-EMPLOYED	47.2	48.1	47.5	47.2	48.0	47.4	45.2	47.0	45.5	47.8
EMPLOYEE	45.6	44.0	44.4	44.8	45.4	45.8	45.0	47.2	45.5	48.5
PHYSICIAN AGE										
LESS THAN 36 YEARS	44.5	44.5	44.7	42.6	44.5	42.6	43.3	45.6	43.3	48.9
36-45 YEARS	47.2	47.4	47.1	47.8	47.7	47.9	45.8	46.7	45.7	48.1
46-55 YEARS	47.3	48.6	47.9	46.9	47.7	47.7	45.1	47.8	46.1	48.0
56-65 YEARS	47.5	48.6	47.6	47.3	48.4	47.1	45.5	47.7	45.6	48.1
66 OR MORE YEARS	46.8	45.9	48.1	47.5	47.7	47.9	44.2	46.3		

SOURCE: 1984 AMA SOCIOECONOMIC SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 1 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF WEEKS PRACTICED, 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	0.09	0.24	0.25	0.18	0.30	0.28	0.31	0.29	0.33	0.28
CENSUS DIVISION										
NEW ENGLAND	0.29	0.50	0.90	0.55	1.06	0.60	0.81	1.14	0.43	.
MIDDLE ATLANTIC	0.22	0.97	0.48	0.53	0.46	0.68	0.49	0.29	1.07	0.35
EAST NORTH CENTRAL	0.20	0.74	0.48	0.34	0.70	0.59	0.34	0.50	1.19	0.37
WEST NORTH CENTRAL	0.39	0.68	0.93	1.06	1.36	0.84	1.66	2.06	1.44	0.46
SOUTH ATLANTIC	0.23	0.58	0.64	0.50	1.05	0.71	0.71	0.91	0.55	0.36
EAST SOUTH CENTRAL	0.26	0.36	1.11	0.54	0.25	1.44	1.48	0.40	1.23	.
WEST SOUTH CENTRAL	0.24	0.19	1.09	0.50	0.83	0.50	1.11	1.17	0.31	0.66
MOUNTAIN	0.47	1.24	1.95	0.71	1.19	1.14	1.93	.	0.72	.
PACIFIC	0.22	0.60	0.63	0.40	0.38	0.98	1.00	0.59	0.67	2.36
TYPE OF PRACTICE										
SOLO	0.11	0.28	0.33	0.22	0.27	0.34	0.72	0.29	0.42	1.29
NON-SOLO	0.13	0.40	0.37	0.29	0.41	0.46	0.33	0.62	0.44	0.20
LOCATION										
NONMETROPOLITAN	0.24	0.30	1.07	0.52	0.56	0.66	0.46	3.30		
METROPOLITAN										
LESS THAN 1,000,000	0.13	0.41	0.38	0.29	0.31	0.38	0.44	0.41	0.62	0.26
1,000,000 AND OVER	0.13	0.47	0.35	0.25	0.50	0.46	0.48	0.36	0.36	0.57
EMPLOYMENT STATUS										
SELF-EMPLOYED	0.08	0.19	0.24	0.16	0.21	0.25	0.31	0.33	0.39	0.47
EMPLOYEE	0.25	0.89	0.71	0.85	0.85	1.40	0.79	0.55	0.64	0.25
PHYSICIAN AGE										
LESS THAN 36 YEARS	0.38	0.92	0.78	1.20	1.31	2.30	1.13	1.97	1.99	0.35
36-45 YEARS	0.13	0.50	0.39	0.16	0.32	0.40	0.39	0.59	0.38	0.33
46-55 YEARS	0.12	0.22	0.24	0.26	0.38	0.33	0.57	0.27	0.36	0.69
56-65 YEARS	0.14	0.19	0.39	0.37	0.26	0.43	0.79	0.31	0.74	0.44
66 OR MORE YEARS	0.32	0.86	0.49	0.59	0.78	0.61	1.96	0.72		

SOURCE: 1984 AMA SOCIOECONOMIC SYSTEM CORE SURVEY.

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**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 2. MEAN NUMBER OF WEEKS PRACTICED PER YEAR, 1973-75, 1977-79, 1981-83*

	1973	1974	1975	1977	1978	1979	1981**	1982**	1983**
ALL PHYSICIANS	47.2	47.2	47.2	47.0	47.4	46.9	46.6	46.7	46.8
SPECIALTY									
GENERAL/FAMILY PRACTICE	47.4	47.5	47.4	47.2	47.8	47.3	47.2	46.9	47.3
INTERNAL MEDICINE	47.1	47.3	47.2	47.1	47.2	46.7	46.2	46.7	46.8
SURGERY	46.9	47.2	46.9	47.0	47.0	46.7	46.6	46.5	46.9
PEDIATRICS	47.5	47.6	47.3	47.2	48.2	46.8	46.8	47.1	47.3
OBSTETRICS/GYNECOLOGY	47.7	47.4	47.3	47.4	47.9	47.5	46.6	47.2	47.2
RADIOLOGY	47.1	46.7	47.4	47.2	46.8	46.5	46.1	46.1	45.2
PSYCHIATRY	47.4	47.4	47.4	46.9	47.7	47.0	47.1	47.2	47.1
ANESTHESIOLOGY	46.9	46.5	46.2	45.9	45.8	46.5	46.0	45.8	45.5
CENSUS DIVISION									
NEW ENGLAND	46.6	47.3	47.2	46.4	46.8	46.5	46.3	46.1	46.6
MIDDLE ATLANTIC	46.7	47.1	47.0	47.0	47.3	46.7	46.5	46.9	46.9
EAST NORTH CENTRAL	47.1	46.9	46.4	46.4	47.1	46.4	46.3	46.7	46.6
WEST NORTH CENTRAL	47.2	47.2	47.5	47.1	47.4	47.3	46.1	46.2	45.9
SOUTH ATLANTIC	47.9	47.6	47.6	47.4	47.8	47.5	47.2	47.0	47.0
EAST SOUTH CENTRAL	48.1	47.5	47.1	47.7	47.9	47.5	47.3	47.7	48.1
WEST SOUTH CENTRAL	47.9	47.9	47.4	47.6	48.0	47.4	47.2	46.8	47.5
MOUNTAIN	47.2	47.2	47.3	46.7	47.3	47.2	46.5	46.3	46.2
PACIFIC	47.1	47.0	47.4	47.0	47.2	46.5	46.0	46.4	46.7
TYPE OF PRACTICE									
SOLO	47.4	47.4	47.3	47.2	47.7	47.3	46.9	47.1	47.7
NON-SOLO	46.9	47.0	47.0	46.7	47.1	46.5	46.3	46.4	46.2
LOCATION									
NONMETROPOLITAN	47.5	47.3	47.2	46.9	47.7	47.4	47.1	46.8	47.6
METROPOLITAN									
LESS THAN 1,000,000	47.3	47.3	47.2	47.0	47.4	47.1	46.7	46.7	46.7
1,000,000 AND OVER	47.1	47.1	47.1	47.0	47.4	46.6	46.3	46.8	46.8
PHYSICIAN AGE									
LESS THAN 36 YEARS	46.3	46.2	46.7	43.9	44.4	44.8	43.9	44.5	44.5
36-45 YEARS	47.5	47.5	47.4	47.8	47.5	47.2	47.0	47.0	47.2
46-55 YEARS	47.6	47.5	47.4	48.0	48.0	47.4	47.1	47.4	47.3
56-65 YEARS	47.2	47.3	47.2	47.1	47.8	47.2	47.1	47.1	47.5
66 OR MORE YEARS	46.4	46.7	46.2	46.2	47.2	46.8	46.7	46.4	46.8

SOURCE: 1981-83, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1973-79, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING RESULTS FOR 1981-83 WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1981 AND 1982 IN THE LOCATION BREAKDOWN REFLECT CORRRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 2 (CONTINUED). STANDARD ERROR OF THE NUMBER OF WEEKS PRACTICED PER YEAR, 1973-75, 1977-79, 1981-83*

	1973	1974	1975	1977	1978	1979	1981**	1982**	1983**
ALL PHYSICIANS	0.06	0.06	0.07	0.09	0.08	0.09	0.10	0.10	0.09
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.14	0.15	0.15	0.21	0.16	0.21	0.25	0.31	0.24
INTERNAL MEDICINE	0.16	0.15	0.18	0.22	0.19	0.22	0.31	0.27	0.25
SURGERY	0.13	0.12	0.13	0.18	0.16	0.18	0.21	0.22	0.18
PEDIATRICS	0.22	0.20	0.30	0.34	0.22	0.40	0.39	0.35	0.30
OBSTETRICS/GYNECOLOGY	0.22	0.22	0.24	0.29	0.27	0.23	0.45	0.33	0.28
RADIOLOGY	0.21	0.28	0.20	0.36	0.41	0.41	0.25	0.27	0.31
PSYCHIATRY	0.19	0.23	0.19	0.32	0.23	0.29	0.27	0.23	0.29
ANESTHESIOLOGY	0.21	0.25	0.31	0.48	0.44	0.32	0.32	0.39	0.33
CENSUS DIVISION									
NEW ENGLAND	0.29	0.21	0.22	0.36	0.31	0.36	0.37	0.43	0.29
MIDDLE ATLANTIC	0.14	0.13	0.16	0.19	0.15	0.20	0.25	0.23	0.22
EAST NORTH CENTRAL	0.15	0.15	0.18	0.21	0.19	0.22	0.26	0.23	0.20
WEST NORTH CENTRAL	0.23	0.24	0.21	0.36	0.28	0.28	0.42	0.38	0.39
SOUTH ATLANTIC	0.12	0.18	0.17	0.23	0.20	0.18	0.21	0.25	0.23
EAST SOUTH CENTRAL	0.26	0.37	0.37	0.41	0.36	0.42	0.45	0.27	0.26
WEST SOUTH CENTRAL	0.19	0.21	0.29	0.28	0.28	0.31	0.35	0.37	0.24
MOUNTAIN	0.26	0.32	0.27	0.51	0.34	0.38	0.34	0.44	0.47
PACIFIC	0.16	0.17	0.15	0.20	0.17	0.22	0.30	0.28	0.22
TYPE OF PRACTICE									
SOLO	0.08	0.09	0.10	0.12	0.10	0.12	0.16	0.16	0.11
NON-SOLO	0.09	0.09	0.09	0.14	0.11	0.13	0.13	0.13	0.13
LOCATION									
NONMETROPOLITAN	0.18	0.20	0.23	0.32	0.23	0.29	0.23	0.33	0.24
METROPOLITAN									
LESS THAN 1,000,000	0.09	0.10	0.11	0.14	0.13	0.13	0.16	0.15	0.13
1,000,000 AND OVER	0.09	0.09	0.10	0.12	0.10	0.13	0.16	0.15	0.13
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.40	0.32	0.31	0.40	0.50	0.35	0.49	0.42	0.38
36-45 YEARS	0.11	0.09	0.11	0.11	0.13	0.15	0.15	0.16	0.13
46-55 YEARS	0.09	0.11	0.11	0.10	0.10	0.14	0.16	0.14	0.12
56-65 YEARS	0.11	0.13	0.14	0.20	0.13	0.17	0.17	0.18	0.14
66 OR MORE YEARS	0.23	0.22	0.28	0.33	0.21	0.24	0.32	0.36	0.32

SOURCE: 1981-83, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1973-79, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

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TABLE 3. MEAN NUMBER OF HOURS IN PROFESSIONAL ACTIVITIES PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	56.6	57.8	59.6	55.7	57.0	60.1	57.7	50.1	57.8	50.5
CENSUS DIVISION										
NEW ENGLAND	55.0	52.0	57.8	54.6	57.6	60.3	59.6	49.8	61.1	43.1
MIDDLE ATLANTIC	56.1	55.1	58.6	57.6	54.2	64.1	55.9	48.9	59.5	52.2
EAST NORTH CENTRAL	57.1	58.1	59.6	56.8	57.6	57.8	55.5	53.7	57.5	53.3
WEST NORTH CENTRAL	56.9	60.3	61.1	54.9	56.8	54.9	59.8	51.4	52.0	48.0
SOUTH ATLANTIC	56.3	56.2	59.1	55.2	56.0	60.2	58.8	48.3	59.5	54.8
EAST SOUTH CENTRAL	59.1	63.1	64.0	56.2	61.3	61.1	56.8	48.2	57.9	46.3
WEST SOUTH CENTRAL	59.1	62.8	60.9	57.9	60.7	62.1	55.4	52.1	59.1	49.2
MOUNTAIN	56.6	58.2	56.7	55.4	57.6	56.0	64.8	53.7	57.3	.
PACIFIC	55.1	54.3	60.4	52.8	56.5	59.2	58.1	48.8	54.0	50.9
TYPE OF PRACTICE										
SOLO	56.4	57.6	59.5	55.2	57.5	60.0	58.6	50.8	54.3	48.0
NON-SOLO	56.8	58.1	59.6	56.3	56.7	60.1	57.6	48.9	59.4	50.8
LOCATION										
NONMETROPOLITAN	59.3	61.9	61.5	57.0	60.0	61.6	57.1	44.2	52.4	52.6
METROPOLITAN										
LESS THAN 1,000,000	57.4	57.6	60.8	56.2	59.9	60.4	58.6	50.9	58.1	50.5
1,000,000 AND OVER	55.3	54.6	58.4	55.0	53.7	59.5	56.8	50.0	58.0	49.9
EMPLOYMENT STATUS										
SELF-EMPLOYED	57.5	58.6	60.7	55.6	59.2	60.3	59.3	51.7	57.8	51.3
EMPLOYEE	53.7	54.0	56.2	56.3	52.0	58.5	54.0	46.1	57.6	49.6
PHYSICIAN AGE										
LESS THAN 36 YEARS	58.4	59.1	60.5	58.0	59.3	62.1	56.3	48.8	59.2	55.4
36-45 YEARS	58.2	59.3	61.6	57.7	57.2	61.6	60.0	50.2	59.4	54.9
46-55 YEARS	57.5	61.8	61.1	56.0	56.8	60.5	56.2	53.2	59.5	48.9
56-65 YEARS	55.2	58.5	56.8	54.7	56.5	59.0	57.2	48.1	54.2	45.3
66 OR MORE YEARS	47.5	48.8	50.4	44.4	48.5	50.7	47.7	44.4	47.2	

SOURCE: 1ST-4TH QUARTER 1983 SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 3 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN PROFESSIONAL ACTIVITIES PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	0.21	0.56	0.50	0.41	0.77	0.82	0.87	0.67	0.89	1.14
CENSUS DIVISION										
NEW ENGLAND	0.75	3.36	1.45	1.47	2.43	4.13	2.07	2.01	3.37	3.39
MIDDLE ATLANTIC	0.54	1.74	1.15	1.13	2.00	2.43	2.09	1.23	2.10	2.50
EAST NORTH CENTRAL	0.51	1.21	1.30	1.04	2.21	1.82	2.03	2.16	1.90	2.71
WEST NORTH CENTRAL	0.76	1.58	1.84	1.65	2.95	3.92	2.66	2.23	4.19	2.58
SOUTH ATLANTIC	0.50	1.43	1.13	0.90	1.63	1.85	2.21	1.50	2.21	4.40
EAST SOUTH CENTRAL	0.96	2.22	3.03	1.61	3.26	3.01	3.62	4.04	3.71	5.08
WEST SOUTH CENTRAL	0.74	1.85	1.84	1.33	2.50	2.72	3.84	3.97	2.90	3.12
MOUNTAIN	0.90	1.85	2.17	1.56	4.70	3.61	4.81	2.80	4.03	.
PACIFIC	0.49	1.26	1.27	0.92	1.61	1.70	2.05	1.34	2.47	2.47
TYPE OF PRACTICE										
SOLO	0.33	0.77	0.79	0.59	1.48	1.28	2.86	0.88	1.70	3.73
NON-SOLO	0.27	0.81	0.64	0.55	0.89	1.06	0.90	0.99	1.02	1.20
LOCATION										
NONMETROPOLITAN	0.69	1.06	1.71	1.37	2.91	3.04	3.31	2.51	4.37	5.15
METROPOLITAN										
LESS THAN 1,000,000	0.32	0.89	0.77	0.58	1.13	1.23	1.30	1.13	1.23	1.37
1,000,000 AND OVER	0.30	0.95	0.71	0.62	1.08	1.18	1.22	0.86	1.35	1.80
EMPLOYMENT STATUS										
SELF-EMPLOYED	0.24	0.61	0.57	0.43	0.88	0.88	1.04	0.81	0.98	1.28
EMPLOYEE	0.45	1.40	0.99	1.26	1.43	2.29	1.53	1.10	2.13	1.91
PHYSICIAN AGE										
LESS THAN 36 YEARS	0.50	1.15	1.09	1.25	2.05	1.90	2.04	1.55	1.82	4.48
36-45 YEARS	0.35	1.17	0.84	0.66	1.15	1.44	1.32	1.02	1.50	2.24
46-55 YEARS	0.42	1.14	1.15	0.79	1.60	1.56	1.63	1.38	1.87	1.59
56-65 YEARS	0.48	1.18	1.05	0.85	1.85	1.79	2.60	1.42	2.09	1.87
66 OR MORE YEARS	0.76	1.44	1.84	1.41	3.14	3.67	4.72	2.79	3.97	

SOURCE: 1ST-4TH QUARTER 1983 SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 4. MEAN NUMBER OF HOURS IN PATIENT CARE ACTIVITIES PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	51.0	53.6	53.1	50.3	51.0	55.5	52.0	43.4	54.6	40.9
CENSUS DIVISION										
NEW ENGLAND	48.7	47.5	51.5	48.8	49.9	55.2	52.8	42.4	56.8	31.9
MIDDLE ATLANTIC	49.9	50.5	51.4	51.3	47.0	59.1	50.6	42.5	54.9	42.9
EAST NORTH CENTRAL	51.3	53.7	52.7	51.7	51.8	53.6	50.3	46.8	54.2	42.5
WEST NORTH CENTRAL	51.8	56.5	55.2	49.8	50.1	50.9	53.1	45.8	49.9	40.5
SOUTH ATLANTIC	50.7	52.2	52.2	49.8	50.6	55.7	53.0	41.5	56.2	44.2
EAST SOUTH CENTRAL	54.2	59.4	57.3	51.4	56.9	56.9	51.2	40.6	56.5	38.3
WEST SOUTH CENTRAL	54.1	58.3	56.1	53.0	55.0	57.1	50.9	46.3	56.9	40.3
MOUNTAIN	51.0	54.8	51.0	50.1	50.3	50.4	58.2	45.2	54.3	.
PACIFIC	49.5	49.7	54.3	47.1	51.7	54.7	52.1	42.2	51.3	42.0
TYPE OF PRACTICE										
SOLO	51.3	53.5	53.9	50.0	52.2	56.1	53.9	44.7	52.1	39.9
NON-SOLO	50.7	53.7	52.4	50.6	50.4	54.9	51.8	41.0	55.8	41.0
LOCATION										
NONMETROPOLITAN	55.4	58.4	56.9	53.2	56.6	56.8	51.4	38.6	50.5	44.2
METROPOLITAN										
LESS THAN 1,000,000	52.0	53.1	54.7	51.0	54.4	56.1	53.3	44.3	55.5	41.8
1,000,000 AND OVER	49.0	50.0	51.4	48.9	46.8	54.6	50.6	43.1	54.0	39.0
EMPLOYMENT STATUS										
SELF-EMPLOYED	52.5	54.6	55.0	50.5	54.1	56.2	54.1	45.4	55.2	43.2
EMPLOYEE	46.0	48.9	47.1	48.8	44.1	50.7	47.1	38.3	52.4	38.6
PHYSICIAN AGE										
LESS THAN 36 YEARS	52.8	54.6	54.8	52.3	53.3	56.9	52.1	40.5	55.7	45.0
36-45 YEARS	52.2	55.2	54.2	52.0	50.7	57.0	54.4	42.9	56.6	43.9
46-55 YEARS	51.4	57.1	53.8	50.3	50.9	55.5	49.3	46.8	56.0	39.4
56-65 YEARS	50.0	54.2	51.1	49.7	50.7	54.7	51.5	41.8	51.2	38.1
66 OR MORE YEARS	43.5	45.4	46.0	40.5	45.0	47.7	44.2	39.3	43.8	

SOURCE: 1ST-4TH QUARTER 1983 SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 4 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN PATIENT CARE ACTIVITIES PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	0.21	0.54	0.51	0.39	0.76	0.81	0.83	0.66	0.90	1.03
CENSUS DIVISION										
NEW ENGLAND	0.76	3.40	1.48	1.39	2.68	3.36	1.97	1.85	3.47	3.17
MIDDLE ATLANTIC	0.53	1.75	1.16	1.07	1.88	2.38	1.98	1.16	2.31	2.70
EAST NORTH CENTRAL	0.51	1.16	1.29	1.00	2.31	1.88	2.00	2.06	1.80	2.51
WEST NORTH CENTRAL	0.77	1.60	1.96	1.64	2.80	3.88	2.48	2.41	3.92	2.58
SOUTH ATLANTIC	0.49	1.34	1.20	0.87	1.52	1.79	2.26	1.48	2.31	3.29
EAST SOUTH CENTRAL	0.97	2.18	3.44	1.54	3.22	2.74	3.16	4.35	3.81	4.63
WEST SOUTH CENTRAL	0.74	1.79	1.84	1.30	2.60	2.58	3.51	4.00	2.87	3.29
MOUNTAIN	0.91	1.79	2.39	1.61	3.69	3.66	4.58	3.44	4.58	.
PACIFIC	0.47	1.17	1.18	0.88	1.71	1.78	1.90	1.27	2.42	2.02
TYPE OF PRACTICE										
SOLO	0.32	0.73	0.76	0.56	1.36	1.25	2.74	0.86	1.67	3.47
NON-SOLO	0.27	0.81	0.68	0.54	0.91	1.06	0.87	0.95	1.06	1.07
LOCATION										
NONMETROPOLITAN	0.66	1.02	1.74	1.37	2.61	2.87	2.69	2.16	4.27	4.28
METROPOLITAN										
LESS THAN 1,000,000	0.31	0.86	0.78	0.54	1.10	1.22	1.24	1.16	1.22	1.37
1,000,000 AND OVER	0.30	0.91	0.71	0.61	1.06	1.16	1.19	0.83	1.39	1.51
EMPLOYMENT STATUS										
SELF-EMPLOYED	0.23	0.59	0.56	0.41	0.83	0.85	0.98	0.78	0.97	1.22
EMPLOYEE	0.46	1.38	1.07	1.26	1.45	2.37	1.49	1.07	2.24	1.63
PHYSICIAN AGE										
LESS THAN 36 YEARS	0.51	1.14	1.14	1.18	2.07	1.88	2.12	1.66	1.75	4.20
36-45 YEARS	0.36	1.17	0.88	0.66	1.10	1.44	1.26	1.01	1.53	1.91
46-55 YEARS	0.42	1.10	1.16	0.75	1.58	1.52	1.57	1.41	1.81	1.63
56-65 YEARS	0.48	1.16	1.06	0.81	1.94	1.79	2.35	1.26	2.24	1.78
66 OR MORE YEARS	0.72	1.33	1.74	1.33	2.71	3.55	4.60	2.47	2.84	

SOURCE: 1ST-4TH QUARTER 1983 SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 5. MEAN NUMBER OF HOURS IN PATIENT CARE ACTIVITIES PER WEEK, 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	46.1	44.5	47.5	46.5	45.4	44.9	44.5	51.0	51.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	47.6	45.5	49.0	46.5	45.8	45.0	44.5	53.4	53.6
INTERNAL MEDICINE	47.5	46.2	49.2	49.3	47.8	47.2	47.4	52.7	53.1
SURGERY	47.8	46.3	48.9	47.9	48.2	46.9	46.5	51.4	50.3
PEDIATRICS	44.5	44.2	46.1	44.9	44.5	43.5	43.8	51.3	51.0
OBSTETRICS/GYNECOLOGY	48.8	48.1	51.6	49.4	47.3	47.8	45.9	53.5	55.5
RADIOLOGY	41.8	41.4	41.9	44.5	43.9	43.7	41.7	54.0	52.0
PSYCHIATRY	40.3	37.3	41.0	41.3	38.2	39.6	38.8	43.2	43.4
ANESTHESIOLOGY	48.0	44.7	47.2	47.2	46.6	44.5	46.5	54.5	54.6
CENSUS DIVISION									
NEW ENGLAND	45.5	44.3	46.5	45.7	44.2	43.4	42.9	49.7	48.7
MIDDLE ATLANTIC	43.2	41.8	45.5	45.4	43.5	43.9	42.8	49.5	49.9
EAST NORTH CENTRAL	46.4	44.8	47.7	45.9	45.6	43.9	44.1	50.8	51.3
WEST NORTH CENTRAL	49.4	45.6	49.9	48.3	47.3	46.8	48.4	53.2	51.8
SOUTH ATLANTIC	46.8	45.9	48.2	47.8	45.6	46.4	45.1	52.2	50.7
EAST SOUTH CENTRAL	50.9	48.5	52.8	49.5	49.3	47.6	48.6	53.5	54.2
WEST SOUTH CENTRAL	49.5	47.2	49.9	49.4	46.9	46.4	45.8	53.5	54.1
MOUNTAIN	47.4	46.5	48.2	46.4	49.1	46.8	46.7	51.3	51.0
PACIFIC	44.8	43.0	45.7	44.6	44.2	43.3	43.1	48.7	49.5
TYPE OF PRACTICE									
SOLO	44.7	43.3	47.1	45.7	44.2	44.8	43.9	51.1	51.3
NON-SOLO	48.1	46.1	47.9	47.2	47.3	45.0	45.2	51.0	50.7
LOCATION									
NONMETROPOLITAN	50.9	47.9	50.0	48.7	48.4	48.4	48.2	54.2	55.4
METROPOLITAN									
LESS THAN 1,000,000	47.4	45.5	48.8	47.8	47.1	46.0	45.5	51.2	52.0
1,000,000 AND OVER	44.0	42.9	45.7	44.8	43.4	43.2	43.1	49.8	49.0
PHYSICIAN AGE									
LESS THAN 36 YEARS	46.7	44.6	47.7	48.0	46.6	46.9	46.7	52.4	52.8
36-45 YEARS	48.3	45.8	48.7	48.2	47.4	46.8	46.1	52.3	52.2
46-55 YEARS	48.2	47.1	49.8	48.2	47.2	46.6	45.7	51.3	51.4
56-65 YEARS	44.4	44.1	46.1	45.6	44.2	44.4	43.7	50.5	50.0
66 OR MORE YEARS	36.5	36.2	40.2	37.3	35.2	37.4	36.4	45.1	43.5

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, INCLUDE RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 5 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN PATIENT CARE ACTIVITIES PER WEEK, 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	0.23	0.21	0.20	0.21	0.22	0.22	0.21	0.21	0.21
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.53	0.44	0.43	0.45	0.48	0.51	0.47	0.51	0.54
INTERNAL MEDICINE	0.56	0.50	0.46	0.50	0.55	0.53	0.48	0.53	0.51
SURGERY	0.47	0.42	0.40	0.41	0.47	0.48	0.45	0.42	0.39
PEDIATRICS	0.79	0.84	0.70	0.74	0.77	0.76	0.77	0.72	0.76
OBSTETRICS/GYNECOLOGY	0.89	0.78	0.77	0.90	0.85	0.90	0.82	0.80	0.81
RADIOLOGY	0.78	0 73	0.77	0.65	0.62	0.74	0.76	0.93	0.83
PSYCHIATRY	0.75	0.67	0.65	0.67	0.78	0.72	0.67	0.65	0.66
ANESTHESIOLOGY	0.98	0.85	0.83	0.87	0.99	1.07	0.86	0.96	0.90
CENSUS DIVISION									
NEW ENGLAND	0.87	0.80	0.82	0.86	0.85	0.81	0.82	0.87	0.76
MIDDLE ATLANTIC	0.53	0.48	0.46	0.50	0.59	0.57	0.47	0.52	0.53
EAST NORTH CENTRAL	0.54	0.49	0.47	0.48	0.54	0.56	0.53	0.54	0.51
WEST NORTH CENTRAL	0.79	0.78	0.79	0.79	0.80	0.84	0.77	0.78	0.77
SOUTH ATLANTIC	0.66	0.55	0.52	0.55	0.54	0.59	0.50	0.52	0.49
EAST SOUTH CENTRAL	1.16	1.07	1.04	0.94	1.05	0.90	1.01	0.90	0.97
WEST SOUTH CENTRAL	0.82	0.77	0.72	0.69	0.77	0.78	0.73	0.66	0.74
MOUNTAIN	1.16	1.03	0.98	0.88	0.98	0.92	1.05	0.95	0.91
PACIFIC	0.50	0.44	0.44	0.45	0.48	0.48	0.46	0.50	0.47
TYPE OF PRACTICE									
SOLO	0.32	0.28	0.29	0.30	0.31	0.33	0.30	0.32	0.32
NON-SOLO	0.33	0.30	0.27	0.28	0.31	0.30	0.29	0.28	0.27
LOCATION									
NONMETROPOLITAN	0.73	0.64	0.56	0.62	0.68	0.69	0.72	0.51	0.66
METROPOLITAN									
LESS THAN 1,000,000	0.36	0.33	0.32	0.32	0.35	0.35	0.33	0.36	0.31
1,000,000 AND OVER	0.32	0.29	0.29	0.29	0.31	0.32	0.29	0.30	0.30
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.88	0.90	0.60	0.69	0.55	0.73	0.56	0.62	0.51
36-45 YEARS	0.40	0.37	0.34	0.36	0.40	0.42	0.39	0.36	0.36
46-55 YEARS	0.39	0.36	0.35	0.36	0.39	0.39	0.39	0.41	0.42
56-65 YEARS	0.49	0.42	0.44	0.43	0.51	0.45	0.43	0.48	0.48
66 OR MORE YEARS	0.78	0.62	0.70	0.65	0.78	0.63	0.66	0.70	0.72

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, INCLUDE RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 6. MEAN NUMBER OF HOURS IN DIRECT PATIENT CARE ACTIVITIES PER WEEK, 1983*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	47.5	49.4	47.6	47.1	45.2	51.3
CENSUS DIVISION						
NEW ENGLAND	44.8	41.3	45.9	45.4	44.0	50.7
MIDDLE ATLANTIC	46.1	46.1	45.7	47.5	41.1	54.7
EAST NORTH CENTRAL	47.5	49.1	47.7	48.3	46.0	49.2
WEST NORTH CENTRAL	48.7	52.6	49.2	47.0	44.1	47.0
SOUTH ATLANTIC	47.1	48.2	46.7	46.9	44.6	51.5
EAST SOUTH CENTRAL	51.9	56.1	52.4	48.5	51.0	52.7
WEST SOUTH CENTRAL	50.7	53.9	50.4	49.9	48.2	52.6
MOUNTAIN	47.1	50.8	47.2	46.7	44.7	46.9
PACIFIC	46.1	45.5	48.3	43.9	46.9	51.0
TYPE OF PRACTICE						
SOLO	48.0	49.1	48.3	46.6	45.9	51.9
NON-SOLO	47.1	49.8	47.0	47.5	44.8	50.7
LOCATION						
NONMETROPOLITAN	52.7	54.7	52.0	50.5	51.5	53.2
METROPOLITAN						
LESS THAN 1,000,000	48.6	48.9	49.5	47.9	48.9	52.1
1,000,000 AND OVER	45.0	45.3	45.6	45.5	40.6	50.1
EMPLOYMENT STATUS						
SELF-EMPLOYED	48.7	50.3	49.3	47.3	47.9	52.2
EMPLOYEE	42.9	44.7	42.4	45.6	38.9	46.0
PHYSICIAN AGE						
LESS THAN 36 YEARS	49.3	50.6	49.6	49.0	48.0	52.7
36-45 YEARS	48.6	51.2	48.6	48.9	45.0	52.9
46-55 YEARS	48.2	52.3	48.3	47.1	44.7	50.9
56-65 YEARS	46.9	50.0	46.0	46.2	44.5	50.9
66 OR MORE YEARS	39.8	41.4	39.6	37.5	39.5	43.8

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 6 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN DIRECT PATIENT CARE ACTIVITIES PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.22	0.51	0.47	0.37	0.70	0.76
CENSUS DIVISION						
NEW ENGLAND	0.80	2.42	1.42	1.36	2.18	3.19
MIDDLE ATLANTIC	0.60	1.65	1.07	1.01	1.81	2.31
EAST NORTH CENTRAL	0.54	1.07	1.21	0.92	2.19	1.78
WEST NORTH CENTRAL	0.84	1.54	1.98	1.53	2.60	3.48
SOUTH ATLANTIC	0.51	1.28	1.10	0.84	1.42	1.71
EAST SOUTH CENTRAL	1.01	2.12	3.16	1.50	2.83	2.50
WEST SOUTH CENTRAL	0.74	1.63	1.73	1.24	2.32	2.27
MOUNTAIN	0.92	1.62	2.35	1.64	3.11	3.34
PACIFIC	0.49	1.07	1.01	0.83	1.52	1.72
TYPE OF PRACTICE						
SOLO	0.33	0.69	0.71	0.53	1.28	1.19
NON-SOLO	0.29	0.75	0.63	0.52	0.84	0.99
LOCATION						
NONMETROPOLITAN	0.64	0.95	1.53	1.32	2.42	2.80
METROPOLITAN						
LESS THAN 1,000,000	0.33	0.82	0.74	0.51	1.03	1.14
1,000,000 AND OVER	0.32	0.82	0.65	0.58	0.95	1.10
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.24	0.55	0.52	0.38	0.76	0.81
EMPLOYEE	0.52	1.26	1.01	1.26	1.37	2.13
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.54	1.08	1.08	1.14	2.00	1.77
36-45 YEARS	0.38	1.08	0.81	0.63	1.03	1.37
46-55 YEARS	0.44	1.00	1.09	0.70	1.41	1.37
56-65 YEARS	0.50	1.11	0.93	0.75	1.72	1.73
66 OR MORE YEARS	0.73	1.23	1.56	1.26	2.44	3.42

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 7. MEAN NUMBER OF OFFICE HOURS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	26.0	32.7	25.0	21.5	31.5	27.4
CENSUS DIVISION						
NEW ENGLAND	24.9	27.4	25.0	21.7	32.9	25.0
MIDDLE ATLANTIC	23.8	30.9	23.2	19.8	28.0	26.3
EAST NORTH CENTRAL	24.6	30.5	22.6	20.4	30.4	25.3
WEST NORTH CENTRAL	26.6	32.8	25.8	20.3	28.2	25.1
SOUTH ATLANTIC	26.4	33.2	24.4	21.9	33.5	28.8
EAST SOUTH CENTRAL	28.8	36.8	25.7	22.5	37.1	26.8
WEST SOUTH CENTRAL	27.8	35.4	28.0	23.0	32.3	28.9
MOUNTAIN	26.6	35.0	25.7	22.9	26.3	27.8
PACIFIC	27.2	32.1	28.8	22.2	33.7	28.9
TYPE OF PRACTICE						
SOLO	28.0	33.0	27.2	23.0	33.6	28.3
NON-SOLO	24.3	32.2	23.4	19.9	30.5	26.6
LOCATION						
NONMETROPOLITAN	29.9	33.9	28.9	23.3	36.6	28.1
METROPOLITAN						
LESS THAN 1,000,000	26.5	33.3	25.5	22.0	33.7	27.8
1,000,000 AND OVER	24.5	30.9	24.2	20.5	28.6	26.9
EMPLOYMENT STATUS						
SELF-EMPLOYED	27.4	33.4	26.8	22.1	34.9	28.0
EMPLOYEE	21.0	29.3	20.0	17.6	23.7	23.5
PHYSICIAN AGE						
LESS THAN 36 YEARS	24.5	32.8	22.5	21.2	31.2	27.7
36-45 YEARS	24.8	34.2	24.0	20.7	29.6	27.3
46-55 YEARS	27.0	33.3	26.9	21.9	32.7	27.1
56-65 YEARS	28.1	34.1	28.6	21.7	33.8	28.2
66 OR MORE YEARS	26.4	28.1	25.3	23.7	32.7	25.9

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 7 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF OFFICE HOURS PER WEEK, 1983*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.19	0.36	0.39	0.31	0.63	0.43
CENSUS DIVISION						
NEW ENGLAND	0.75	2.02	1.24	1.25	2.20	1.39
MIDDLE ATLANTIC	0.49	1.29	0.85	0.80	1.67	1.08
EAST NORTH CENTRAL	0.47	0.73	1.02	0.75	1.71	1.14
WEST NORTH CENTRAL	0.71	0.95	1.72	1.15	2.98	1.34
SOUTH ATLANTIC	0.46	0.93	0.97	0.70	1.18	0.99
EAST SOUTH CENTRAL	0.82	1.43	1.93	1.21	2.19	1.23
WEST SOUTH CENTRAL	0.63	1.23	1.25	0.96	2.13	1.22
MOUNTAIN	0.92	0.95	1.54	1.66	3.59	2.96
PACIFIC	0.45	0.86	0.86	0.74	1.33	0.93
TYPE OF PRACTICE						
SOLO	0.26	0.47	0.52	0.43	0.97	0.58
NON-SOLO	0.28	0.57	0.55	0.43	0.80	0.61
LOCATION						
NONMETROPOLITAN	0.51	0.57	1.16	1.00	1.20	1.77
METROPOLITAN						
LESS THAN 1,000,000	0.30	0.61	0.61	0.43	0.89	0.66
1,000,000 AND OVER	0.29	0.66	0.54	0.47	0.96	0.57
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.20	0.38	0.41	0.32	0.59	0.42
EMPLOYEE	0.49	1.04	0.87	0.98	1.38	1.49
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.51	0.82	0.84	0.94	1.66	1.20
36-45 YEARS	0.35	0.80	0.68	0.51	1.14	0.71
46-55 YEARS	0.39	0.76	0.84	0.64	1.13	0.86
56-65 YEARS	0.41	0.75	0.83	0.64	1.38	0.94
66 OR MORE YEARS	0.56	0.89	1.34	1.07	1.71	1.33

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 8. MEAN NUMBER OF OFFICE HOURS PER WEEK, 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	29.3	28.8	29.5	29.8	31.0	28.4	28.2	26.4	26.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	34.4	33.2	34.4	34.9	36.0	33.5	33.8	33.1	32.7
INTERNAL MEDICINE	29.5	29.0	30.1	29.9	30.9	28.1	27.9	26.2	25.0
SURGERY	22.7	22.5	22.8	23.7	25.3	22.7	22.4	22.1	21.5
PEDIATRICS	36.2	35.7	35.5	36.0	37.4	34.9	35.1	32.1	31.5
OBSTETRICS/GYNECOLOGY	27.6	28.4	28.3	28.7	30.7	29.3	29.0	26.9	27.4
CENSUS DIVISION									
NEW ENGLAND	27.7	26.8	27.7	27.6	29.1	26.3	27.2	25.8	24.9
MIDDLE ATLANTIC	26.2	27.4	27.7	27.4	28.6	26.6	25.8	24.3	23.8
EAST NORTH CENTRAL	29.0	27.0	28.3	28.7	29.4	26.4	27.0	24.9	24.6
WEST NORTH CENTRAL	29.7	27.6	29.1	29.9	30.2	28.3	28.4	26.6	26.6
SOUTH ATLANTIC	31.0	31.2	30.3	31.5	32.5	29.8	28.8	27.1	26.4
EAST SOUTH CENTRAL	31.2	31.4	33.0	30.8	33.6	29.6	29.7	28.2	28.8
WEST SOUTH CENTRAL	31.7	31.2	31.5	31.8	32.6	30.3	31.3	28.7	27.8
MOUNTAIN	31.9	29.8	29.3	30.2	32.0	28.8	28.9	26.5	26.6
PACIFIC	30.1	29.4	30.5	31.6	32.9	29.9	29.0	27.5	27.2
TYPE OF PRACTICE									
SOLO	29.2	29.0	29.7	30.3	30.9	29.0	28.8	28.3	28.0
NON-SOLO	29.5	28.5	29.2	29.3	31.0	27.7	27.5	24.8	24.3
LOCATION									
NONMETROPOLITAN	33.4	31.5	32.3	33.4	33.8	31.3	31.2	29.5	29.9
METROPOLITAN									
LESS THAN 1,000,000	29.4	28.8	29.6	29.8	31.3	28.4	28.5	26.2	26.5
1,000,000 AND OVER	28.2	28.1	28.5	29.1	30.0	27.6	27.2	25.4	24.5
PHYSICIAN AGE									
LESS THAN 36 YEARS	28.0	28.4	30.7	30.0	29.8	29.3	28.4	24.8	24.5
36-45 YEARS	29.4	27.8	28.3	29.4	30.1	27.4	27.1	24.9	24.8
46-55 YEARS	30.3	30.4	30.8	30.8	32.9	28.9	28.8	27.4	27.0
56-65 YEARS	29.5	29.5	29.6	30.3	31.6	29.1	29.1	28.5	28.1
66 OR MORE YEARS	26.8	26.5	28.0	27.7	28.5	27.5	27.2	27.3	26.4

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 8 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF OFFICE HOURS PER WEEK, 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	0.21	0.20	0.19	0.20	0.24	0.21	0.19	0.20	0.19
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.36	0.34	0.32	0.36	0.42	0.38	0.33	0.33	0.36
INTERNAL MEDICINE	0.44	0.41	0.36	0.41	0.52	0.40	0.38	0.41	0.39
SURGERY	0.36	0.34	0.31	0.34	0.46	0.37	0.34	0.32	0.31
PEDIATRICS	0.61	0.72	0.62	0.65	0.84	0.67	0.65	0.64	0.63
OBSTETRICS/GYNECOLOGY	0.54	0.48	0.46	0.55	0.66	0.53	0.48	0.44	0.43
CENSUS DIVISION									
NEW ENGLAND	0.88	0.83	0.72	0.78	0.94	0.88	0.80	0.84	0.75
MIDDLE ATLANTIC	0.46	0.45	0.45	0.46	0.63	0.50	0.48	0.48	0.49
EAST NORTH CENTRAL	0.45	0.46	0.44	0.47	0.57	0.48	0.46	0.49	0.47
WEST NORTH CENTRAL	0.76	0.69	0.67	0.72	0.85	0.78	0.67	0.75	0.71
SOUTH ATLANTIC	0.59	0.55	0.52	0.56	0.62	0.53	0.48	0.49	0.46
EAST SOUTH CENTRAL	0.96	1.05	0.90	0.98	1.25	0.85	0.97	0.75	0.82
WEST SOUTH CENTRAL	0.77	0.67	0.65	0.71	0.81	0.72	0.67	0.60	0.63
MOUNTAIN	1.07	0.98	0.84	0.83	1.07	0.86	0.88	0.97	0.92
PACIFIC	0.47	0.43	0.41	0.46	0.51	0.47	0.43	0.45	0.45
TYPE OF PRACTICE									
SOLO	0.27	0.26	0.26	0.27	0.31	0.28	0.25	0.27	0.26
NON-SOLO	0.32	0.30	0.27	0.30	0.38	0.31	0.29	0.28	0.28
LOCATION									
NONMETROPOLITAN	0.58	0.54	0.46	0.56	0.67	0.57	0.55	0.42	0.51
METROPOLITAN									
LESS THAN 1,000,000	0.33	0.31	0.29	0.31	0.39	0.32	0.30	0.34	0.30
1,000,000 AND OVER	0.30	0.29	0.28	0.29	0.34	0.30	0.28	0.29	0.29
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.77	0.91	0.66	0.78	0.68	0.74	0.57	0.57	0.51
36-45 YEARS	0.38	0.38	0.34	0.38	0.46	0.41	0.38	0.35	0.35
46-55 YEARS	0.40	0.37	0.34	0.39	0.44	0.40	0.38	0.40	0.39
56-65 YEARS	0.42	0.39	0.39	0.39	0.54	0.42	0.40	0.41	0.41
66 OR MORE YEARS	0.59	0.51	0.54	0.51	0.74	0.50	0.51	0.55	0.56

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 9. MEAN NUMBER OF HOURS ON HOSPITAL ROUNDS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	9.5	8.4	15.9	9.0	8.4	6.5
CENSUS DIVISION						
NEW ENGLAND	9.1	6.9	14.0	8.7	6.2	5.8
MIDDLE ATLANTIC	10.0	8.4	15.1	10.0	8.3	6.8
EAST NORTH CENTRAL	11.0	10.9	17.6	10.0	11.6	7.2
WEST NORTH CENTRAL	9.9	8.6	16.8	8.9	9.9	6.8
SOUTH ATLANTIC	9.1	8.1	16.4	9.0	6.6	5.9
EAST SOUTH CENTRAL	10.2	9.1	20.3	9.2	8.9	7.7
WEST SOUTH CENTRAL	9.8	8.9	15.6	9.4	8.6	7.7
MOUNTAIN	8.3	7.1	15.3	8.1	11.4	5.4
PACIFIC	7.4	6.0	14.4	7.0	6.6	5.4
TYPE OF PRACTICE						
SOLO	9.4	8.4	15.7	8.5	7.9	6.9
NON-SOLO	9.6	8.5	16.1	9.4	8.6	6.1
LOCATION						
NONMETROPOLITAN	10.1	10.0	16.9	9.8	8.9	8.2
METROPOLITAN						
LESS THAN 1,000,000	9.6	8.2	16.8	9.0	9.6	6.5
1,000,000 AND OVER	9.1	7.3	15.2	8.7	7.1	6.2
EMPLOYMENT STATUS						
SELF-EMPLOYED	9.8	8.7	16.7	8.9	8.5	6.5
EMPLOYEE	8.3	7.0	13.6	9.3	8.1	6.2
PHYSICIAN AGE						
LESS THAN 36 YEARS	11.0	8.9	19.0	10.1	9.7	6.1
36-45 YEARS	10.3	8.5	17.7	9.5	9.3	6.3
46-55 YEARS	9.1	9.0	15.2	8.5	7.0	6.7
56-65 YEARS	8.7	8.4	12.4	9.4	7.7	6.9
66 OR MORE YEARS	6.4	7.2	8.7	5.2	5.1	5.2

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 9 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS ON HOSPITAL ROUNDS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.13	0.22	0.37	0.20	0.41	0.21
CENSUS DIVISION						
NEW ENGLAND	0.51	1.21	1.10	0.73	0.85	0.90
MIDDLE ATLANTIC	0.34	0.72	0.78	0.54	0.77	0.61
EAST NORTH CENTRAL	0.38	0.57	0.94	0.54	1.71	0.58
WEST NORTH CENTRAL	0.47	0.55	1.32	0.77	1.36	1.01
SOUTH ATLANTIC	0.30	0.57	0.85	0.48	0.54	0.34
EAST SOUTH CENTRAL	0.50	0.71	1.86	0.63	1.15	0.89
WEST SOUTH CENTRAL	0.41	0.56	1.31	0.62	1.10	0.83
MOUNTAIN	0.65	0.69	2.21	1.15	3.07	0.63
PACIFIC	0.29	0.46	0.90	0.41	0.89	0.36
TYPE OF PRACTICE						
SOLO	0.18	0.29	0.50	0.27	0.64	0.32
NON-SOLO	0.19	0.31	0.52	0.29	0.51	0.26
LOCATION						
NONMETROPOLITAN	0.33	0.41	1.30	0.59	1.08	0.97
METROPOLITAN						
LESS THAN 1,000,000	0.20	0.35	0.55	0.28	0.66	0.30
1,000,000 AND OVER	0.21	0.36	0.52	0.32	0.54	0.29
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.15	0.23	0.42	0.21	0.46	0.22
EMPLOYEE	0.30	0.54	0.74	0.58	0.83	0.54
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.40	0.48	0.87	0.74	1.28	0.39
36-45 YEARS	0.25	0.46	0.64	0.33	0.75	0.34
46-55 YEARS	0.25	0.47	0.73	0.38	0.55	0.43
56-65 YEARS	0.25	0.46	0.74	0.42	0.71	0.46
66 OR MORE YEARS	0.33	0.53	0.95	0.58	0.78	0.95

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 10. MEAN NUMBER OF HOURS ON HOSPITAL ROUNDS PER WEEK, 1973-76, 1982-83*

	1973	1974	1975	1976	1982**	1983**
ALL PHYSICIANS	10.5	10.1	10.6	13.3	9.4	9.5
SPECIALTY						
GENERAL/FAMILY PRACTICE	9.3	8.7	9.1	10.6	8.4	8.4
INTERNAL MEDICINE	14.7	14.6	15.3	17.0	15.2	15.9
SURGERY	11.2	10.9	11.1	15.7	9.6	9.0
PEDIATRICS	8.2	7.4	8.3	8.5	8.5	8.4
OBSTETRICS/GYNECOLOGY	8.5	7.4	8.4	12.7	6.4	6.5
CENSUS DIVISION						
NEW ENGLAND	10.7	9.9	11.1	13.7	8.7	9.1
MIDDLE ATLANTIC	10.5	9.5	10.5	14.4	9.5	10.0
EAST NORTH CENTRAL	11.2	11.4	11.5	14.7	10.6	11.0
WEST NORTH CENTRAL	12.5	11.1	12.5	14.5	10.7	9.9
SOUTH ATLANTIC	10.2	10.0	10.2	12.7	9.6	9.1
EAST SOUTH CENTRAL	12.1	11.3	11.5	15.6	10.3	10.2
WEST SOUTH CENTRAL	10.5	10.9	11.0	13.3	9.9	9.8
MOUNTAIN	10.4	9.9	10.5	12.6	8.7	8.3
PACIFIC	9.0	8.4	8.9	10.4	7.4	7.4
TYPE OF PRACTICE						
SOLO	10.0	9.7	10.2	12.9	9.5	9.4
NON-SOLO	11.3	10.5	10.9	13.8	9.4	9.6
LOCATION						
NONMETROPOLITAN	10.7	10.2	10.4	12.9	9.9	10.1
METROPOLITAN						
LESS THAN 1,000,000	11.0	10.7	11.0	13.9	9.7	9.6
1,000,000 AND OVER	10.1	9.5	10.2	12.9	9.1	9.1
PHYSICIAN AGE						
LESS THAN 36 YEARS	11.7	10.8	11.2	13.0	10.5	11.0
36-45 YEARS	11.9	11.7	11.6	14.7	10.1	10.3
46-55 YEARS	11.3	10.6	11.2	14.2	9.3	9.1
56-65 YEARS	9.2	9.3	10.2	12.4	9.0	8.7
66 OR MORE YEARS	7.1	7.0	6.8	9.7	7.1	6.4

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-76, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 10 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS ON HOSPITAL ROUNDS PER WEEK, 1973-76, 1982-83*

	1973	1974	1975	1976	1982**	1983**
ALL PHYSICIANS	0.15	0.14	0.14	0.19	0.13	0.13
SPECIALTY						
GENERAL/FAMILY PRACTICE	0.25	0.22	0.22	0.30	0.22	0.22
INTERNAL MEDICINE	0.41	0.39	0.38	0.41	0.38	0.37
SURGERY	0.28	0.26	0.25	0.38	0.21	0.20
PEDIATRICS	0.40	0.33	0.35	0.43	0.33	0.41
OBSTETRICS/GYNECOLOGY	0.35	0.23	0.29	0.60	0.22	0.21
CENSUS DIVISION						
NEW ENGLAND	0.61	0.61	0.61	0.79	0.52	0.51
MIDDLE ATLANTIC	0.37	0.33	0.34	0.47	0.33	0.34
EAST NORTH CENTRAL	0.35	0.33	0.34	0.43	0.34	0.38
WEST NORTH CENTRAL	0.52	0.52	0.56	0.64	0.49	0.47
SOUTH ATLANTIC	0.41	0.37	0.36	0.48	0.35	0.30
EAST SOUTH CENTRAL	0.77	0.70	0.74	1.14	0.47	0.50
WEST SOUTH CENTRAL	0.46	0.49	0.46	0.61	0.41	0.41
MOUNTAIN	0.79	0.58	0.63	0.85	0.55	0.65
PACIFIC	0.33	0.31	0.31	0.37	0.29	0.29
TYPE OF PRACTICE						
SOLO	0.20	0.19	0.19	0.25	0.19	0.18
NON-SOLO	0.23	0.21	0.20	0.28	0.18	0.19
LOCATION						
NONMETROPOLITAN	0.40	0.36	0.30	0.56	0.27	0.33
METROPOLITAN						
LESS THAN 1,000,000	0.24	0.23	0.24	0.30	0.23	0.20
1,000,000 AND OVER	0.22	0.20	0.21	0.26	0.20	0.21
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.66	0.74	0.50	0.68	0.41	0.40
36-45 YEARS	0.30	0.29	0.27	0.36	0.26	0.25
46-55 YEARS	0.26	0.26	0.25	0.35	0.25	0.25
56-65 YEARS	0.29	0.25	0.30	0.38	0.25	0.25
66 OR MORE YEARS	0.41	0.32	0.33	0.43	0.34	0.33

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-76, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 11. MEAN NUMBER OF HOURS IN SURGERY PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	6.0	2.4	1.0	13.2	1.0	15.3
CENSUS DIVISION						
NEW ENGLAND	4.9	0.6	0.2	11.8	0.5	17.2
MIDDLE ATLANTIC	5.9	0.9	1.1	13.7	0.8	19.6
EAST NORTH CENTRAL	6.1	2.5	1.7	14.5	0.6	14.9
WEST NORTH CENTRAL	6.1	4.2	0.7	14.1	1.9	14.3
SOUTH ATLANTIC	5.8	1.2	0.9	13.0	0.8	13.9
EAST SOUTH CENTRAL	6.5	2.4	1.3	13.4	0.9	15.7
WEST SOUTH CENTRAL	6.6	3.4	1.3	13.5	1.0	14.1
MOUNTAIN	5.7	3.7	0.5	13.3	2.6	12.4
PACIFIC	5.9	2.9	0.9	11.6	1.7	14.6
TYPE OF PRACTICE						
SOLO	5.8	2.3	0.6	11.9	1.1	14.4
NON-SOLO	6.1	2.6	1.4	14.7	1.0	16.1
LOCATION						
NONMETROPOLITAN	5.6	3.6	1.0	13.8	1.7	13.4
METROPOLITAN						
LESS THAN 1,000,000	6.5	2.0	1.1	13.6	1.2	15.9
1,000,000 AND OVER	5.5	1.9	1.0	12.7	0.8	14.9
EMPLOYMENT STATUS						
SELF-EMPLOYED	6.5	2.6	1.0	13.1	1.1	15.6
EMPLOYEE	4.1	1.7	1.3	14.3	0.8	13.5
PHYSICIAN AGE						
LESS THAN 36 YEARS	4.6	2.8	2.0	12.7	1.2	16.4
36-45 YEARS	7.1	2.2	1.2	14.6	1.3	17.1
46-55 YEARS	6.8	2.7	0.8	13.7	0.8	14.8
56-65 YEARS	5.8	2.6	0.3	12.6	0.6	14.3
66 OR MORE YEARS	3.0	1.6	0.1	7.1	0.9	9.3

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 11 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF HOURS IN SURGERY PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.13	0.13	0.14	0.25	0.11	0.47
CENSUS DIVISION						
NEW ENGLAND	0.51	0.25	0.09	1.07	0.20	1.99
MIDDLE ATLANTIC	0.36	0.27	0.30	0.66	0.20	1.55
EAST NORTH CENTRAL	0.32	0.24	0.44	0.64	0.12	1.07
WEST NORTH CENTRAL	0.45	0.50	0.43	0.89	0.87	1.99
SOUTH ATLANTIC	0.31	0.30	0.33	0.60	0.15	1.04
EAST SOUTH CENTRAL	0.54	0.60	0.66	0.97	0.33	1.48
WEST SOUTH CENTRAL	0.39	0.40	0.55	0.71	0.24	1.20
MOUNTAIN	0.55	0.60	0.40	1.38	0.95	1.18
PACIFIC	0.28	0.28	0.25	0.55	0.32	0.98
TYPE OF PRACTICE						
SOLO	0.18	0.17	0.13	0.33	0.17	0.69
NON-SOLO	0.18	0.19	0.22	0.36	0.13	0.65
LOCATION						
NONMETROPOLITAN	0.32	0.28	0.28	0.81	0.44	1.64
METROPOLITAN						
LESS THAN 1,000,000	0.20	0.19	0.21	0.36	0.16	0.70
1,000,000 AND OVER	0.19	0.20	0.19	0.38	0.14	0.70
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.14	0.14	0.14	0.26	0.12	0.51
EMPLOYEE	0.26	0.28	0.35	0.86	0.22	1.20
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.27	0.27	0.41	0.68	0.29	1.37
36-45 YEARS	0.25	0.25	0.24	0.41	0.17	0.83
46-55 YEARS	0.28	0.30	0.26	0.50	0.15	0.83
56-65 YEARS	0.29	0.30	0.14	0.55	0.25	1.10
66 OR MORE YEARS	0.27	0.27	0.11	0.74	0.59	1.49

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 12. MEAN NUMBER OF TOTAL PATIENT VISITS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	125.0	148.9	114.5	112.2	134.7	121.4
CENSUS DIVISION						
NEW ENGLAND	108.6	103.8	103.4	106.2	126.1	123.0
MIDDLE ATLANTIC	122.7	135.0	114.8	120.3	125.6	112.4
EAST NORTH CENTRAL	127.0	149.1	117.4	119.5	128.1	123.6
WEST NORTH CENTRAL	134.0	157.7	131.7	117.4	130.7	103.8
SOUTH ATLANTIC	126.2	150.2	110.3	115.9	131.9	122.8
EAST SOUTH CENTRAL	159.3	204.3	136.9	137.6	162.6	143.0
WEST SOUTH CENTRAL	136.4	173.6	122.7	113.4	156.0	148.5
MOUNTAIN	119.6	141.5	107.5	93.4	132.0	125.7
PACIFIC	106.9	118.3	105.2	88.7	136.9	106.0
TYPE OF PRACTICE						
SOLO	119.9	145.6	109.6	103.2	132.3	114.2
NON-SOLO	129.5	153.6	118.4	121.9	135.8	127.6
LOCATION						
NONMETROPOLITAN	157.1	180.6	144.3	125.2	161.5	127.2
METROPOLITAN						
LESS THAN 1,000,000	133.2	147.9	125.1	119.9	150.5	135.2
1,000,000 AND OVER	108.6	122.6	103.1	101.3	115.7	106.0
EMPLOYMENT STATUS						
SELF-EMPLOYED	130.0	154.4	120.2	114.5	148.6	123.4
EMPLOYEE	106.4	122.1	97.1	97.4	103.3	108.5
PHYSICIAN AGE						
LESS THAN 36 YEARS	119.9	144.1	106.8	99.4	132.2	112.1
36-45 YEARS	125.3	159.4	111.6	117.6	131.9	120.3
46-55 YEARS	135.8	172.4	125.1	120.5	143.3	130.4
56-65 YEARS	129.0	151.3	127.2	111.5	141.7	127.0
66 OR MORE YEARS	98.3	108.4	97.0	79.1	100.7	90.4

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 12 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF TOTAL PATIENT VISITS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	1.07	2.68	1.95	1.70	3.31	2.92
CENSUS DIVISION						
NEW ENGLAND	3.35	9.38	5.86	5.31	13.06	10.73
MIDDLE ATLANTIC	2.94	7.71	4.50	5.68	8.46	7.50
EAST NORTH CENTRAL	2.50	5.91	5.27	3.91	8.81	8.97
WEST NORTH CENTRAL	4.14	6.87	8.82	7.63	9.56	9.85
SOUTH ATLANTIC	2.39	5.94	4.73	3.80	7.17	6.16
EAST SOUTH CENTRAL	5.96	14.80	12.62	8.01	17.57	9.86
WEST SOUTH CENTRAL	3.61	9.56	6.20	4.85	12.54	12.69
MOUNTAIN	5.65	7.22	7.09	6.20	13.04	12.93
PACIFIC	1.94	4.41	4.22	2.87	6.51	5.17
TYPE OF PRACTICE						
SOLO	1.54	3.63	2.74	2.31	6.33	4.06
NON-SOLO	1.48	3.92	2.73	2.44	3.85	4.17
LOCATION						
NONMETROPOLITAN	3.67	5.49	9.13	6.55	12.03	12.11
METROPOLITAN						
LESS THAN 1,000,000	1.68	4.22	3.17	2.35	4.99	4.44
1,000,000 AND OVER	1.37	3.79	2.44	2.54	4.34	3.80
EMPLOYMENT STATUS						
SELF-EMPLOYED	1.19	2.93	2.23	1.84	3.77	3.08
EMPLOYEE	2.32	6.24	3.80	4.18	5.73	9.04
PHYSICIAN AGE						
LESS THAN 36 YEARS	2.55	5.46	3.57	4.49	7.70	5.86
36-45 YEARS	1.83	6.14	3.11	2.86	4.83	4.53
46-55 YEARS	2.40	5.98	4.79	3.58	7.54	6.79
56-65 YEARS	2.50	5.46	5.60	3.57	8.95	6.76
66 OR MORE YEARS	3.12	5.57	6.94	4.55	11.57	8.82

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

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**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 13. MEAN NUMBER OF TOTAL PATIENT VISITS PER WEEK, 1975-76, 1978-80, 1982-83*

	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	139.2	137.2	136.3	129.6	117.0	131.8	125.0
SPECIALTY							
GENERAL/FAMILY PRACTICE	177.2	167.8	180.0	157.5	142.8	160.6	148.9
INTERNAL MEDICINE	124.7	124.3	118.6	117.4	104.7	118.9	114.5
SURGERY	119.6	122.2	110.8	115.9	99.7	118.8	112.2
PEDIATRICS	140.2	146.1	148.1	138.9	141.1	134.9	134.7
OBSTETRICS/GYNECOLOGY	131.8	133.2	126.2	125.9	113.2	128.2	121.4
CENSUS DIVISION							
NEW ENGLAND	119.9	117.4	107.6	106.5	104.2	124.6	108.6
MIDDLE ATLANTIC	124.1	125.4	123.0	122.6	109.5	122.5	122.7
EAST NORTH CENTRAL	149.0	154.3	144.3	140.1	123.3	135.7	127.0
WEST NORTH CENTRAL	165.0	154.2	152.0	144.8	133.4	143.5	134.0
SOUTH ATLANTIC	142.2	134.6	134.8	132.0	119.6	138.0	126.2
EAST SOUTH CENTRAL	193.3	178.0	189.5	166.2	149.8	156.2	159.3
WEST SOUTH CENTRAL	157.7	158.8	143.3	140.4	132.7	145.2	136.4
MOUNTAIN	130.1	126.6	134.6	129.3	114.8	124.9	119.6
PACIFIC	119.6	118.5	124.5	112.0	101.3	112.1	106.9
TYPE OF PRACTICE							
SOLO	132.8	133.7	132.7	124.3	112.2	126.3	119.9
NON-SOLO	146.4	141.0	141.3	135.4	121.9	136.9	129.5
LOCATION							
NONMETROPOLITAN	178.4	172.1	178.7	162.7	148.9	158.9	157.1
METROPOLITAN							
LESS THAN 1,000,000	147.3	145.2	141.1	136.4	121.6	137.0	133.2
1,000,000 AND OVER	119.7	121.9	118.5	115.3	106.7	116.9	108.6
PHYSICIAN AGE							
LESS THAN 36 YEARS	133.9	125.3	117.7	122.0	109.2	123.6	119.9
36-45 YEARS	143.0	145.4	135.2	130.3	120.2	131.5	125.3
46-55 YEARS	158.4	150.7	156.3	142.4	128.5	140.1	135.8
56-65 YEARS	134.1	132.6	131.9	133.8	120.0	138.5	129.0
66 OR MORE YEARS	97.5	99.6	107.0	101.8	86.5	113.0	98.3

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1975-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 13 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF TOTAL PATIENT VISITS PER WEEK, 1975-76, 1978-80, 1982-83*

	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	1.37	1.32	1.98	1.33	1.16	1.13	1.07
SPECIALTY							
GENERAL/FAMILY PRACTICE	3.19	3.02	4.27	3.02	2.64	2.76	2.68
INTERNAL MEDICINE	2.65	2.44	3.56	2.50	2.12	2.24	1.95
SURGERY	2.03	2.15	3.10	2.29	1.79	1.81	1.70
PEDIATRICS	4.35	4.72	6.47	3.90	3.77	3.19	3.31
OBSTETRICS/GYNECOLOGY	3.78	3.58	4.88	3.42	3.26	3.35	2.92
CENSUS DIVISION							
NEW ENGLAND	4.57	3.80	5.24	3.70	4.18	3.90	3.35
MIDDLE ATLANTIC	2.82	2.94	4.59	3.07	2.88	2.62	2.94
EAST NORTH CENTRAL	3.29	3.63	4.79	3.37	3.24	2.83	2.50
WEST NORTH CENTRAL	6.33	5.10	7.04	6.24	4.90	4.05	4.14
SOUTH ATLANTIC	3.39	3.28	5.60	3.30	2.73	3.01	2.39
EAST SOUTH CENTRAL	8.75	7.38	11.59	7.14	6.13	5.56	5.96
WEST SOUTH CENTRAL	5.58	4.80	6.83	4.95	4.38	3.73	3.61
MOUNTAIN	5.60	4.61	8.02	5.29	4.37	4.08	5.65
PACIFIC	2.64	2.57	3.64	2.49	2.02	2.30	1.94
TYPE OF PRACTICE							
SOLO	1.92	1.83	2.69	1.80	1.63	1.60	1.54
NON-SOLO	1.93	1.88	2.91	1.95	1.65	1.59	1.48
LOCATION							
NONMETROPOLITAN	4.55	4.59	6.60	4.67	4.36	2.96	3.67
METROPOLITAN							
LESS THAN 1,000,000	2.10	2.08	3.02	2.00	1.75	1.90	1.68
1,000,000 AND OVER	1.76	1.70	2.54	1.80	1.58	1.46	1.37
PHYSICIAN AGE							
LESS THAN 36 YEARS	4.50	4.23	4.64	4.25	2.56	2.63	2.55
36-45 YEARS	2.54	2.45	3.42	2.37	2.18	1.88	1.83
46-55 YEARS	2.66	2.57	3.85	2.62	2.45	2.39	2.40
56-65 YEARS	2.74	2.62	4.37	2.90	2.57	2.71	2.50
66 OR MORE YEARS	3.39	3.28	7.97	3.33	3.17	3.83	3.12

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1975-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 14. MEAN NUMBER OF OFFICE VISITS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	78.5	106.1	59.8	67.8	102.2	88.6
CENSUS DIVISION						
NEW ENGLAND	68.5	70.6	58.6	68.4	97.5	85.8
MIDDLE ATLANTIC	71.5	96.2	59.8	68.1	91.1	78.3
EAST NORTH CENTRAL	77.9	103.1	58.5	69.6	96.1	90.8
WEST NORTH CENTRAL	83.6	108.7	65.5	67.8	89.2	83.6
SOUTH ATLANTIC	80.6	110.2	54.2	71.9	106.7	91.3
EAST SOUTH CENTRAL	95.0	134.5	61.8	78.0	118.2	94.5
WEST SOUTH CENTRAL	84.1	119.4	59.6	66.5	118.9	103.0
MOUNTAIN	76.5	110.9	55.8	64.5	86.0	89.0
PACIFIC	75.2	92.3	66.6	58.8	111.2	84.2
TYPE OF PRACTICE						
SOLO	81.8	105.4	62.5	67.8	107.7	85.7
NON-SOLO	75.5	107.0	57.7	67.8	99.7	91.1
LOCATION						
NONMETROPOLITAN	100.2	122.6	72.5	72.2	125.8	86.9
METROPOLITAN						
LESS THAN 1,000,000	83.8	108.5	63.5	73.9	113.8	99.2
1,000,000 AND OVER	67.6	89.0	55.5	60.4	87.5	77.6
EMPLOYMENT STATUS						
SELF-EMPLOYED	85.0	110.9	65.0	70.9	118.6	92.1
EMPLOYEE	54.1	82.9	44.0	46.9	65.3	67.2
PHYSICIAN AGE						
LESS THAN 36 YEARS	66.3	103.3	45.6	56.3	91.5	83.3
36-45 YEARS	74.5	112.3	55.0	67.6	94.2	88.8
46-55 YEARS	89.1	121.6	68.3	76.3	116.7	90.9
56-65 YEARS	87.6	110.5	79.2	66.1	116.7	95.5
66 OR MORE YEARS	70.0	76.0	61.4	61.5	85.6	65.7

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 14 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF OFFICE VISITS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.85	1.94	1.38	1.35	2.92	2.16
CENSUS DIVISION						
NEW ENGLAND	2.78	7.64	3.88	4.41	11.78	8.42
MIDDLE ATLANTIC	2.21	6.11	3.63	4.21	7.35	4.80
EAST NORTH CENTRAL	2.07	4.28	3.68	3.22	7.72	6.64
WEST NORTH CENTRAL	3.57	5.28	7.15	6.00	10.18	8.63
SOUTH ATLANTIC	1.96	4.48	3.17	3.37	5.93	4.75
EAST SOUTH CENTRAL	4.15	9.85	6.95	5.45	11.85	6.93
WEST SOUTH CENTRAL	2.95	6.78	3.28	3.69	12.25	9.29
MOUNTAIN	3.49	5.59	4.56	6.14	14.63	9.71
PACIFIC	1.77	3.69	3.27	2.65	5.70	4.29
TYPE OF PRACTICE						
SOLO	1.23	2.57	1.94	1.90	5.21	3.00
NON-SOLO	1.16	2.95	1.93	1.92	3.51	3.06
LOCATION						
NONMETROPOLITAN	2.68	3.92	4.27	3.87	9.32	8.52
METROPOLITAN						
LESS THAN 1,000,000	1.29	3.07	2.13	1.91	4.39	3.46
1,000,000 AND OVER	1.18	2.93	1.95	2.11	4.01	2.56
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.94	2.09	1.54	1.45	3.22	2.33
EMPLOYEE	1.70	4.75	2.79	3.17	4.84	4.86
PHYSICIAN AGE						
LESS THAN 36 YEARS	1.95	4.47	2.27	3.36	6.62	5.47
36-45 YEARS	1.42	4.08	1.99	2.29	4.44	3.55
46-55 YEARS	1.93	4.48	3.41	2.92	6.38	4.20
56-65 YEARS	1.99	3.94	4.32	2.82	7.60	5.30
66 OR MORE YEARS	2.39	3.84	4.99	4.12	9.20	6.73

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 15. MEAN NUMBER OF OFFICE VISITS PER WEEK, 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	105.8	95.0	100.8	97.5	98.5	91.3	88.6	81.8	78.5
SPECIALTY									
GENERAL/FAMILY PRACTICE	145.5	129.0	138.5	129.6	133.2	119.8	116.3	115.0	106.1
INTERNAL MEDICINE	79.4	71.6	79.6	73.3	73.6	69.3	66.1	61.6	59.8
SURGERY	81.1	71.7	74.7	77.2	75.8	75.2	70.0	69.2	67.8
PEDIATRICS	134.9	126.7	123.9	122.7	123.6	116.4	124.8	100.8	102.2
OBSTETRICS/GYNECOLOGY	98.4	95.8	104.2	100.0	102.4	100.2	96.8	93.7	88.6
CENSUS DIVISION									
NEW ENGLAND	85.9	75.6	82.3	81.5	76.5	72.5	76.6	74.6	68.5
MIDDLE ATLANTIC	84.2	81.5	87.9	85.0	87.8	81.7	81.8	73.7	71.5
EAST NORTH CENTRAL	117.4	105.3	108.1	107.4	101.7	95.4	91.3	80.4	77.9
WEST NORTH CENTRAL	117.1	101.0	115.0	105.1	107.1	99.0	95.7	87.9	83.6
SOUTH ATLANTIC	117.7	101.4	103.5	97.2	98.2	91.8	90.1	83.2	80.6
EAST SOUTH CENTRAL	131.2	113.0	136.2	122.9	134.0	119.0	108.8	98.0	95.0
WEST SOUTH CENTRAL	116.8	105.6	111.8	112.6	103.9	97.0	104.4	90.5	84.1
MOUNTAIN	109.6	100.7	92.0	92.5	100.7	93.4	83.8	78.7	76.5
PACIFIC	98.3	87.5	93.1	92.3	97.9	88.7	81.9	78.7	75.2
TYPE OF PRACTICE									
SOLO	103.7	95.8	101.2	97.9	97.2	88.6	88.0	85.0	81.8
NON-SOLO	108.7	93.9	100.3	97.0	100.4	94.2	89.2	78.9	75.5
LOCATION									
NONMETROPOLITAN	142.0	129.3	129.6	126.0	126.7	112.4	109.6	101.2	100.2
METROPOLITAN									
LESS THAN 1,000,000	110.7	97.9	104.0	101.2	100.6	96.1	92.8	82.9	83.8
1,000,000 AND OVER	92.2	83.7	88.8	87.5	89.4	81.9	80.5	73.1	67.6
PHYSICIAN AGE									
LESS THAN 36 YEARS	92.1	76.5	94.4	86.5	88.1	78.8	77.6	65.7	66.3
36-45 YEARS	111.5	95.0	100.8	101.2	99.5	88.8	89.1	76.1	74.5
46-55 YEARS	116.5	107.5	114.6	107.2	111.3	100.0	98.4	89.6	89.1
56-65 YEARS	103.7	97.5	97.7	97.7	98.3	99.3	93.0	93.8	87.6
66 OR MORE YEARS	74.2	73.0	78.7	72.8	71.6	75.2	69.8	80.6	70.0

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 15 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF OFFICE VISITS PER WEEK, 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	1.17	1.14	1.10	1.09	1.26	1.09	0.98	0.90	0.85
SPECIALTY									
GENERAL/FAMILY PRACTICE	2.45	2.37	2.49	2.37	2.74	2.30	2.06	2.09	1.94
INTERNAL MEDICINE	2.01	1.87	1.98	1.64	2.32	1.73	1.38	1.46	1.38
SURGERY	1.61	1.63	1.38	1.42	1.83	1.73	1.37	1.32	1.35
PEDIATRICS	4.02	5.25	3.79	3.91	3.99	3.48	3.47	2.95	2.92
OBSTETRICS/GYNECOLOGY	2.60	2.57	2.75	2.56	3.24	3.79	2.36	2.82	2.16
CENSUS DIVISION									
NEW ENGLAND	3.82	3.60	3.61	3.16	3.44	3.24	3.46	3.19	2.78
MIDDLE ATLANTIC	2.15	2.34	2.22	2.22	2.81	2.28	2.46	2.14	2.21
EAST NORTH CENTRAL	2.87	3.20	2.73	3.28	3.04	2.59	2.68	2.20	2.07
WEST NORTH CENTRAL	4.30	4.21	4.81	3.80	5.14	5.97	3.64	3.50	3.57
SOUTH ATLANTIC	3.68	3.20	2.80	2.79	3.38	2.48	2.34	2.29	1.96
EAST SOUTH CENTRAL	5.80	5.91	6.83	6.10	7.65	6.41	5.04	4.27	4.15
WEST SOUTH CENTRAL	4.31	4.08	4.13	4.07	4.55	3.86	3.67	3.01	2.95
MOUNTAIN	5.94	5.54	4.45	3.98	5.28	4.33	3.62	3.91	3.49
PACIFIC	2.37	2.24	2.43	2.17	2.70	2.44	1.91	1.94	1.77
TYPE OF PRACTICE									
SOLO	1.52	1.55	1.62	1.48	1.71	1.38	1.32	1.26	1.23
NON-SOLO	1.84	1.67	1.45	1.59	1.83	1.71	1.44	1.28	1.16
LOCATION									
NONMETROPOLITAN	3.66	3.69	3.47	3.55	4.54	3.16	3.07	2.28	2.68
METROPOLITAN									
LESS THAN 1,000,000	1.87	1.80	1.68	1.65	1.88	1.68	1.44	1.49	1.29
1,000,000 AND OVER	1.53	1.52	1.48	1.52	1.72	1.57	1.42	1.24	1.18
PHYSICIAN AGE									
LESS THAN 36 YEARS	4.00	4.39	3.25	3.25	3.07	3.04	2.23	2.07	1.95
36-45 YEARS	2.15	2.14	2.09	2.23	2.35	1.86	1.93	1.51	1.42
46-55 YEARS	2.27	2.23	2.15	2.09	2.35	2.04	2.03	1.82	1.93
56-65 YEARS	2.30	2.40	2.15	2.16	2.84	2.81	2.09	2.13	1.99
66 OR MORE YEARS	2.94	2.47	3.03	2.41	4.18	2.60	2.47	3.13	2.39

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 16. MEAN NUMBER OF VISITS ON HOSPITAL ROUNDS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	32.7	29.7	44.2	39.1	24.0	28.0
CENSUS DIVISION						
NEW ENGLAND	26.8	17.9	34.4	30.9	19.8	30.8
MIDDLE ATLANTIC	33.9	25.8	42.7	44.1	24.7	26.0
EAST NORTH CENTRAL	35.8	33.8	46.0	46.0	26.9	28.8
WEST NORTH CENTRAL	38.0	35.0	55.6	42.5	32.9	18.8
SOUTH ATLANTIC	31.7	26.9	46.4	39.0	17.6	26.7
EAST SOUTH CENTRAL	49.7	49.7	66.1	56.7	38.3	40.4
WEST SOUTH CENTRAL	39.0	38.3	54.2	40.9	26.1	42.0
MOUNTAIN	25.6	22.6	41.1	24.8	35.7	27.2
PACIFIC	20.9	15.7	31.4	25.5	16.5	20.2
TYPE OF PRACTICE						
SOLO	29.0	28.6	38.6	31.8	17.6	24.4
NON-SOLO	36.0	31.1	48.7	46.9	26.9	31.3
LOCATION						
NONMETROPOLITAN	41.9	42.1	58.8	47.4	28.8	33.6
METROPOLITAN						
LESS THAN 1,000,000	35.4	27.9	50.5	41.6	27.4	31.2
1,000,000 AND OVER	27.7	21.0	37.8	34.7	20.1	23.8
EMPLOYMENT STATUS						
SELF-EMPLOYED	33.7	30.7	45.9	38.6	23.5	27.4
EMPLOYEE	29.1	24.6	39.4	42.4	25.3	31.9
PHYSICIAN AGE						
LESS THAN 36 YEARS	32.2	28.2	49.4	36.2	28.1	26.9
36-45 YEARS	35.8	31.5	46.8	43.3	27.7	27.4
46-55 YEARS	34.3	34.2	46.7	38.7	19.5	30.8
56-65 YEARS	32.1	30.2	38.6	41.2	21.1	29.2
66 OR MORE YEARS	20.3	22.5	24.3	19.3	13.4	18.1

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

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**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 16 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF VISITS ON HOSPITAL ROUNDS PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.55	1.08	1.25	1.11	1.45	1.40
CENSUS DIVISION						
NEW ENGLAND	1.73	3.23	3.62	3.45	4.29	6.15
MIDDLE ATLANTIC	1.54	3.19	2.72	3.49	4.49	3.80
EAST NORTH CENTRAL	1.34	2.43	3.08	2.85	3.98	3.76
WEST NORTH CENTRAL	1.94	2.95	4.79	4.34	5.26	2.87
SOUTH ATLANTIC	1.24	2.44	3.24	2.33	1.91	2.62
EAST SOUTH CENTRAL	3.17	5.55	9.83	5.82	10.40	5.54
WEST SOUTH CENTRAL	1.95	4.02	4.97	3.37	4.71	8.09
MOUNTAIN	1.89	2.90	4.54	3.61	9.53	5.80
PACIFIC	0.85	1.58	2.19	1.80	2.19	1.59
TYPE OF PRACTICE						
SOLO	0.71	1.49	1.59	1.38	1.81	1.68
NON-SOLO	0.81	1.55	1.83	1.70	1.92	2.25
LOCATION						
NONMETROPOLITAN	1.82	2.42	5.93	4.43	5.40	5.21
METROPOLITAN						
LESS THAN 1,000,000	0.87	1.68	2.14	1.56	2.16	2.02
1,000,000 AND OVER	0.73	1.35	1.49	1.64	2.13	2.13
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.59	1.18	1.40	1.15	1.41	1.30
EMPLOYEE	1.32	2.63	2.70	3.66	3.74	6.39
PHYSICIAN AGE						
LESS THAN 36 YEARS	1.25	1.97	2.66	3.16	3.77	2.15
36-45 YEARS	1.00	2.57	2.13	1.94	2.19	1.78
46-55 YEARS	1.19	2.49	2.75	2.14	2.91	3.86
56-65 YEARS	1.25	2.21	3.32	2.48	4.33	2.84
66 OR MORE YEARS	1.42	2.51	3.48	2.74	4.24	2.78

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

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**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 17. MEAN NUMBER OF VISITS ON HOSPITAL ROUNDS PER WEEK, 1973-76, 1982-83*

	1973	1974	1975	1976	1982**	1983**
ALL PHYSICIANS	38.6	30.9	32.6	35.5	34.1	32.7
SPECIALTY						
GENERAL/FAMILY PRACTICE	34.2	26.8	28.5	29.5	30.7	29.7
INTERNAL MEDICINE	45.4	39.3	40.5	44.5	45.0	44.2
SURGERY	47.2	38.8	40.8	42.1	42.8	39.1
PEDIATRICS	20.6	16.7	17.3	17.2	23.6	24.0
OBSTETRICS/GYNECOLOGY	31.2	26.6	29.0	29.0	27.9	28.0
CENSUS DIVISION						
NEW ENGLAND	33.7	27.9	30.1	31.4	29.0	26.8
MIDDLE ATLANTIC	36.0	25.9	31.1	34.8	33.3	33.9
EAST NORTH CENTRAL	41.5	35.1	35.8	40.7	37.9	35.8
WEST NORTH CENTRAL	53.3	41.5	43.4	44.2	39.5	38.0
SOUTH ATLANTIC	38.3	31.0	33.0	35.5	37.2	31.7
EAST SOUTH CENTRAL	60.5	49.6	44.1	52.1	43.9	49.7
WEST SOUTH CENTRAL	44.3	38.7	40.8	42.5	41.1	39.0
MOUNTAIN	34.0	33.0	32.9	29.0	28.8	25.6
PACIFIC	26.5	20.3	21.2	23.8	20.5	20.9
TYPE OF PRACTICE						
SOLO	32.5	25.8	26.5	30.2	29.9	29.0
NON-SOLO	47.3	37.8	39.3	41.1	37.9	36.0
LOCATION						
NONMETROPOLITAN	53.1	41.8	38.8	39.7	40.5	41.9
METROPOLITAN						
LESS THAN 1,000,000	42.0	35.3	36.4	39.5	36.5	35.4
1,000,000 AND OVER	32.0	24.4	27.1	31.0	29.7	27.7
PHYSICIAN AGE						
LESS THAN 36 YEARS	37.7	25.9	30.9	34.7	34.0	32.2
36-45 YEARS	42.6	35.9	36.4	41.0	36.3	35.8
46-55 YEARS	45.0	35.6	38.1	39.0	37.5	34.3
56-65 YEARS	33.8	29.3	30.5	31.8	33.7	32.1
66 OR MORE YEARS	19.3	16.8	15.7	20.2	21.0	20.3

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-76, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 17 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF VISITS ON HOSPITAL ROUNDS PER WEEK, 1973-76, 1982-83*

	1973	1974	1975	1976	1982**	1983**
ALL PHYSICIANS	0.73	0.60	0.61	0.66	0.61	0.55
SPECIALTY						
GENERAL/FAMILY PRACTICE	1.22	1.01	1.05	1.04	1.11	1.08
INTERNAL MEDICINE	1.61	1.47	1.40	1.40	1.50	1.25
SURGERY	1.51	1.33	1.36	1.43	1.31	1.11
PEDIATRICS	1.32	1.24	1.07	1.11	1.48	1.45
OBSTETRICS/GYNECOLOGY	1.52	1.19	1.50	1.61	1.20	1.40
CENSUS DIVISION						
NEW ENGLAND	2.16	2.14	2.14	2.07	2.28	1.73
MIDDLE ATLANTIC	1.80	1.34	1.49	1.71	1.57	1.54
EAST NORTH CENTRAL	1.69	1.36	1.51	1.58	1.53	1.34
WEST NORTH CENTRAL	2.91	2.52	2.49	2.72	2.12	1.94
SOUTH ATLANTIC	2.06	1.72	1.68	1.78	1.76	1.24
EAST SOUTH CENTRAL	4.34	4.16	3.25	3.52	2.65	3.17
WEST SOUTH CENTRAL	2.72	2.37	2.59	2.43	2.13	1.95
MOUNTAIN	2.53	2.95	2.60	2.04	2.11	1.89
PACIFIC	1.17	0.94	0.96	1.18	0.92	0.85
TYPE OF PRACTICE						
SOLO	0.81	0.69	0.69	0.77	0.78	0.71
NON-SOLO	1.31	1.05	1.01	1.07	0.92	0.81
LOCATION						
NONMETROPOLITAN	2.44	2.20	1.72	1.98	1.48	1.82
METROPOLITAN						
LESS THAN 1,000,000	1.16	1.02	1.04	1.12	1.09	0.87
1,000,000 AND OVER	0.96	0.71	0.79	0.86	0.83	0.73
PHYSICIAN AGE						
LESS THAN 36 YEARS	2.55	2.11	1.91	2.11	1.57	1.25
36-45 YEARS	1.38	1.21	1.18	1.36	1.09	1.00
46-55 YEARS	1.41	1.22	1.24	1.28	1.36	1.19
56-65 YEARS	1.47	1.16	1.26	1.22	1.43	1.25
66 OR MORE YEARS	1.40	1.21	1.13	1.41	1.28	1.42

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-76, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 18. MEAN NUMBER OF SURGICAL PROCEDURES PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	3.2	1.3	0.6	7.1	0.7	8.0
CENSUS DIVISION						
NEW ENGLAND	2.8	0.2	0.1	6.8	0.4	9.2
MIDDLE ATLANTIC	3.0	0.4	0.8	7.6	0.4	7.7
EAST NORTH CENTRAL	3.7	1.6	1.1	8.2	0.7	9.1
WEST NORTH CENTRAL	3.3	2.1	0.3	8.0	0.8	7.1
SOUTH ATLANTIC	3.1	0.4	0.5	6.9	0.4	7.8
EAST SOUTH CENTRAL	3.7	1.4	0.9	8.0	0.5	8.2
WEST SOUTH CENTRAL	3.5	1.8	0.7	7.1	0.8	7.7
MOUNTAIN	3.3	2.0	0.2	6.7	1.5	8.3
PACIFIC	2.9	1.3	0.5	5.4	1.2	7.6
TYPE OF PRACTICE						
SOLO	3.1	1.0	0.5	6.4	0.7	7.2
NON-SOLO	3.4	1.6	0.8	7.8	0.7	8.8
LOCATION						
NONMETROPOLITAN	3.2	2.0	0.5	7.6	0.9	9.0
METROPOLITAN						
LESS THAN 1,000,000	3.7	1.0	0.7	7.8	0.9	8.8
1,000,000 AND OVER	2.7	1.0	0.6	6.3	0.5	7.1
EMPLOYMENT STATUS						
SELF-EMPLOYED	3.6	1.3	0.7	7.2	0.8	8.2
EMPLOYEE	2.0	0.9	0.6	6.7	0.4	7.1
PHYSICIAN AGE						
LESS THAN 36 YEARS	2.4	1.5	1.1	6.7	0.9	7.9
36-45 YEARS	3.7	1.2	0.8	7.5	0.8	8.7
46-55 YEARS	3.8	1.6	0.5	7.7	0.6	7.9
56-65 YEARS	3.2	1.2	0.2	7.2	0.4	7.9
66 OR MORE YEARS	1.6	0.6	0.1	3.9	0.5	5.3

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 18 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF SURGICAL PROCEDURES PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.07	0.08	0.10	0.14	0.07	0.23
CENSUS DIVISION						
NEW ENGLAND	0.28	0.11	0.07	0.64	0.18	0.80
MIDDLE ATLANTIC	0.18	0.10	0.21	0.41	0.12	0.50
EAST NORTH CENTRAL	0.20	0.29	0.35	0.38	0.26	0.65
WEST NORTH CENTRAL	0.27	0.21	0.22	0.59	0.40	1.78
SOUTH ATLANTIC	0.17	0.08	0.28	0.33	0.08	0.59
EAST SOUTH CENTRAL	0.31	0.34	0.56	0.61	0.18	0.75
WEST SOUTH CENTRAL	0.20	0.21	0.28	0.35	0.19	0.68
MOUNTAIN	0.36	0.34	0.13	0.61	0.55	1.07
PACIFIC	0.14	0.13	0.16	0.24	0.23	0.47
TYPE OF PRACTICE						
SOLO	0.10	0.07	0.14	0.20	0.10	0.30
NON-SOLO	0.10	0.15	0.14	0.19	0.10	0.34
LOCATION						
NONMETROPOLITAN	0.19	0.14	0.18	0.52	0.23	1.12
METROPOLITAN						
LESS THAN 1,000,000	0.12	0.10	0.18	0.21	0.13	0.32
1,000,000 AND OVER	0.10	0.16	0.13	0.19	0.08	0.34
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.08	0.08	0.12	0.15	0.10	0.25
EMPLOYEE	0.13	0.18	0.15	0.38	0.10	0.67
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.15	0.15	0.24	0.43	0.25	0.54
36-45 YEARS	0.13	0.13	0.19	0.21	0.12	0.43
46-55 YEARS	0.16	0.26	0.23	0.29	0.11	0.40
56-65 YEARS	0.16	0.12	0.08	0.35	0.12	0.51
66 OR MORE YEARS	0.15	0.11	0.05	0.42	0.28	1.02

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 19. MEAN PATIENT CARE ACTIVITIES PER WEEK: PSYCHIATRY, 1983*

	SESSIONS WITH INDIVIDUAL PATIENTS		SESSIONS WITH FAMILY AND NON-FAMILY GROUPS	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	33.1	36.8	4.4	4.8
CENSUS DIVISION				
NEW ENGLAND	31.4	31.7	5.0	5.0
MIDDLE ATLANTIC	33.3	36.2	3.1	3.4
EAST NORTH CENTRAL	36.0	42.7	5.3	5.5
WEST NORTH CENTRAL	34.7	43.3	4.7	4.7
SOUTH ATLANTIC	32.5	36.6	3.8	4.6
EAST SOUTH CENTRAL	27.3	33.9	3.5	4.3
WEST SOUTH CENTRAL	32.6	40.3	6.5	7.3
MOUNTAIN	33.4	32.6	6.7	7.6
PACIFIC	32.6	34.8	4.1	4.7
TYPE OF PRACTICE				
SOLO	35.6	37.5	4.2	4.8
NON-SOLO	28.8	35.6	4.6	4.9
LOCATION				
NONMETROPOLITAN	26.5	27.4	3.5	4.2
METROPOLITAN				
LESS THAN 1,000,000	32.2	39.2	5.2	5.2
1,000,000 AND OVER	34.0	36.0	3.9	4.6
EMPLOYMENT STATUS				
SELF-EMPLOYED	36.0	39.6	4.3	4.8
EMPLOYEE	25.6	29.7	4.4	4.9
PHYSICIAN AGE				
LESS THAN 36 YEARS	27.7	31.5	4.7	7.1
36-45 YEARS	32.5	36.4	4.4	5.2
46-55 YEARS	35.3	40.6	5.2	4.7
56-65 YEARS	34.0	36.7	3.3	3.7
66 OR MORE YEARS	31.3	31.0	2.8	3.2

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 19 (CONTINUED). STANDARD ERROR OF MEAN PATIENT CARE ACTIVITIES PER WEEK: PSYCHIATRY, 1983*

	SESSIONS WITH INDIVIDUAL PATIENTS		SESSIONS WITH FAMILY AND NON-FAMILY GROUPS	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	0.58	0.90	0.33	0.43
CENSUS DIVISION				
NEW ENGLAND	1.65	1.74	1.28	1.01
MIDDLE ATLANTIC	1.23	1.69	0.47	0.68
EAST NORTH CENTRAL	1.53	2.57	1.08	1.46
WEST NORTH CENTRAL	2.45	4.13	0.76	1.33
SOUTH ATLANTIC	1.50	2.28	0.71	0.88
EAST SOUTH CENTRAL	3.79	4.31	1.14	2.03
WEST SOUTH CENTRAL	2.27	5.50	1.96	3.13
MOUNTAIN	3.06	4.01	1.89	2.92
PACIFIC	1.28	2.03	0.76	1.17
TYPE OF PRACTICE				
SOLO	0.69	0.94	0.45	0.56
NON-SOLO	0.93	1.85	0.45	0.67
LOCATION				
NONMETROPOLITAN	2.49	4.93	0.84	1.15
METROPOLITAN				
LESS THAN 1,000,000	1.05	1.72	0.55	0.59
1,000,000 AND OVER	0.70	1.02	0.44	0.62
EMPLOYMENT STATUS				
SELF-EMPLOYED	0.64	1.05	0.40	0.50
EMPLOYEE	0.99	1.58	0.56	0.87
PHYSICIAN AGE				
LESS THAN 36 YEARS	1.66	2.11	0.82	1.87
36-45 YEARS	0.96	1.67	0.56	0.84
46-55 YEARS	1.13	1.83	0.74	0.81
56-65 YEARS	1.22	1.65	0.50	0.60
66 OR MORE YEARS	2.10	2.68	1.16	1.21

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 20. MEAN PATIENT CARE ACTIVITIES PER WEEK: RADIOLOGY, 1983*

	READING FILMS	RADIODIAGNOSTIC PROCEDURES		RADIOTHERAPY PATIENTS		CONSULTATIONS	
	HOURS PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	25.7	12.5	39.1	3.7	7.6	5.4	31.8
CENSUS DIVISION							
NEW ENGLAND	28.3	12.2	35.0	1.3	3.2	6.3	29.7
MIDDLE ATLANTIC	24.2	12.3	37.5	4.5	9.0	5.1	25.8
EAST NORTH CENTRAL	27.5	10.5	35.9	3.0	5.5	5.0	29.3
WEST NORTH CENTRAL	25.9	12.2	39.0	6.7	21.5	5.2	46.0
SOUTH ATLANTIC	25.2	13.7	42.4	4.0	7.4	5.2	29.9
EAST SOUTH CENTRAL	24.0	14.9	68.0	3.9	7.3	4.3	30.6
WEST SOUTH CENTRAL	23.4	12.3	41.3	4.1	5.7	5.8	29.1
MOUNTAIN	26.0	12.7	21.2	4.5	6.9	6.0	48.8
PACIFIC	26.0	13.0	35.6	2.7	5.8	6.2	33.1
TYPE OF PRACTICE							
SOLO	22.6	12.7	49.5	4.5	13.7	4.4	50.6
NON-SOLO	26.0	12.5	37.9	3.7	6.9	5.6	29.7
LOCATION							
NONMETROPOLITAN	30.4	13.5	65.9	0.1	0.9	5.3	46.4
METROPOLITAN							
LESS THAN 1,000,000	27.1	13.3	41.3	3.0	5.8	5.2	31.7
1,000,000 AND OVER	23.6	11.6	33.7	5.0	10.4	5.7	30.2
EMPLOYMENT STATUS							
SELF-EMPLOYED	27.6	12.7	45.5	3.6	8.6	5.5	34.2
EMPLOYEE	20.7	11.9	23.0	4.2	5.1	5.2	25.8
PHYSICIAN AGE							
LESS THAN 36 YEARS	26.4	14.8	33.3	2.2	7.6	5.2	25.4
36-45 YEARS	25.5	13.0	40.8	4.5	7.5	5.8	30.4
46-55 YEARS	25.1	11.6	40.3	3.9	8.6	5.3	36.5
56-65 YEARS	26.3	11.4	32.5	3.1	6.8	5.4	35.0
66 OR MORE YEARS	25.9	9.9	69.2	2.3	4.9	3.2	18.9

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 20 (CONTINUED). STANDARD ERROR OF MEAN PATIENT CARE ACTIVITIES PER WEEK: RADIOLOGY, 1983*

	READING FILMS	RADIODIAGNOSTIC PROCEDURES		RADIOTHERAPY PATIENTS		CONSULTATIONS	
	HOURS PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	0.66	0.47	2.65	0.53	1.34	0.21	2.33
CENSUS DIVISION							
NEW ENGLAND	2.41	1.20	7.34	0.92	2.51	0.64	4.63
MIDDLE ATLANTIC	1.81	1.46	6.52	1.35	3.42	0.48	2.87
EAST NORTH CENTRAL	1.59	1.07	6.68	1.25	2.95	0.37	6.50
WEST NORTH CENTRAL	2.87	1.59	9.54	2.71	10.04	0.82	9.14
SOUTH ATLANTIC	1.68	1.22	6.31	1.28	3.19	0.43	4.02
EAST SOUTH CENTRAL	2.28	1.86	15.92	2.24	4.42	0.41	8.80
WEST SOUTH CENTRAL	2.32	1.62	10.50	1.91	3.07	0.91	5.10
MOUNTAIN	3.00	2.40	4.28	2.25	4.46	0.69	24.30
PACIFIC	1.31	0.95	5.79	1.06	2.93	0.74	6.35
TYPE OF PRACTICE							
SOLO	1.78	1.12	9.44	1.71	5.45	0.47	15.48
NON-SOLO	0.71	0.50	2.73	0.55	1.34	0.22	1.78
LOCATION							
NONMETROPOLITAN	1.70	1.37	17.90	0.14	0.89	0.63	10.92
METROPOLITAN							
LESS THAN 1,000,000	0.95	0.65	3.91	0.65	1.51	0.30	3.82
1,000,000 AND OVER	0.98	0.72	3.49	0.91	2.46	0.31	2.76
EMPLOYMENT STATUS							
SELF-EMPLOYED	0.78	0.53	3.43	0.61	1.72	0.26	3.10
EMPLOYEE	1.16	0.97	2.95	1.05	1.92	0.33	2.38
PHYSICIAN AGE							
LESS THAN 36 YEARS	1.45	1.45	4.49	1.09	4.07	0.62	4.33
36-45 YEARS	1.08	0.70	4.39	0.93	1.95	0.33	2.38
46-55 YEARS	1.22	0.88	5.61	1.01	3.02	0.35	5.32
56-65 YEARS	1.73	1.17	3.83	1.11	3.37	0.57	8.96
66 OR MORE YEARS	3.69	2.50	32.37	1.47	2.72	0.61	7.16

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 21. MEAN PATIENT CARE ACTIVITIES PER WEEK: ANESTHESIOLOGY, 1983*

	PATIENTS ANESTHETIZED PERSONALLY BY PHYSICIAN		PATIENTS ANESTHETIZED BY NURSE ANESTHETISTS SUPERVISED BY PHYSICIAN		PRE-ANESTHESIA AND OTHER INPATIENT VISITS	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS SUPERVISING PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	32.3	18.0	10.7	10.8	6.4	26.3
CENSUS DIVISION						
NEW ENGLAND	28.6	15.5	16.7	10.9	7.2	24.2
MIDDLE ATLANTIC	29.2	17.2	12.8	12.2	6.8	26.3
EAST NORTH CENTRAL	30.7	18.0	10.5	12.0	6.7	24.9
WEST NORTH CENTRAL	27.8	18.6	11.3	8.8	5.6	21.4
SOUTH ATLANTIC	27.2	16.1	17.6	21.9	6.9	32.2
EAST SOUTH CENTRAL	32.9	17.7	11.3	14.4	6.2	32.8
WEST SOUTH CENTRAL	36.7	20.8	9.6	7.8	6.0	26.4
MOUNTAIN	44.4	22.8	1.2	1.3	5.9	23.6
PACIFIC	37.8	17.8	3.1	2.9	5.4	24.8
TYPE OF PRACTICE						
SOLO	38.4	21.2	3.7	4.1	6.3	25.8
NON-SOLO	29.3	16.4	13.9	14.0	6.4	26.6
LOCATION						
NONMETROPOLITAN	29.4	17.6	9.1	7.9	7.2	33.9
METROPOLITAN						
LESS THAN 1,000,000	32.3	18.8	11.4	13.4	6.9	29.9
1,000,000 AND OVER	32.5	17.0	10.0	8.0	5.7	21.6
EMPLOYMENT STATUS						
SELF-EMPLOYED	35.2	19.6	9.5	10.1	6.7	28.7
EMPLOYEE	22.4	12.4	14.6	13.2	5.4	18.4
PHYSICIAN AGE						
LESS THAN 36 YEARS	30.2	17.8	12.0	12.5	6.6	24.0
36-45 YEARS	33.9	18.5	11.4	9.7	6.3	25.3
46-55 YEARS	34.3	17.6	11.0	12.8	6.7	28.2
56-65 YEARS	31.2	17.9	8.8	9.6	6.3	29.0
66 OR MORE YEARS	20.6	17.1	8.1	3.5	5.7	17.9

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 21 (CONTINUED). STANDARD ERROR OF MEAN PATIENT CARE ACTIVITIES PER WEEK: ANESTHESIOLOGY, 1983*

	PATIENTS ANESTHETIZED PERSONALLY BY PHYSICIAN		PATIENTS ANESTHETIZED BY NURSE ANESTHETISTS SUPERVISED BY PHYSICIAN		PRE-ANESTHESIA AND OTHER INPATIENT VISITS	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS SUPERVISING PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	0.97	0.61	0.81	1.01	0.20	1.04
CENSUS DIVISION						
NEW ENGLAND	2.66	1.73	3.58	2.46	0.64	2.74
MIDDLE ATLANTIC	2.36	1.54	2.15	2.52	0.61	2.90
EAST NORTH CENTRAL	1.84	1.38	1.50	1.84	0.47	1.85
WEST NORTH CENTRAL	4.46	4.30	3.61	3.67	1.05	4.75
SOUTH ATLANTIC	2.92	1.50	2.66	4.52	0.54	3.53
EAST SOUTH CENTRAL	4.30	3.14	2.96	6.45	0.81	7.05
WEST SOUTH CENTRAL	2.59	2.32	2.07	2.00	0.52	2.91
MOUNTAIN	4.09	2.22	0.93	1.09	0.96	2.94
PACIFIC	2.73	1.20	1.05	1.72	0.42	2.81
TYPE OF PRACTICE						
SOLO	1.38	0.78	0.82	1.27	0.36	1.62
NON-SOLO	1.23	0.81	1.06	1.33	0.25	1.32
LOCATION						
NONMETROPOLITAN	2.69	2.46	4.41	3.80	1.00	4.92
METROPOLITAN						
LESS THAN 1,000,000	1.33	0.91	1.15	1.69	0.31	1.65
1,000,000 AND OVER	1.51	0.86	1.19	1.14	0.27	1.22
EMPLOYMENT STATUS						
SELF-EMPLOYED	1.03	0.65	0.87	1.11	0.24	1.18
EMPLOYEE	1.94	1.35	1.90	2.15	0.39	1.92
PHYSICIAN AGE						
LESS THAN 36 YEARS	2.36	1.44	1.93	2.48	0.48	2.02
36-45 YEARS	1.66	1.11	1.48	1.53	0.39	1.73
46-55 YEARS	2.06	1.20	1.64	1.82	0.44	2.19
56-65 YEARS	1.90	1.12	1.59	2.28	0.36	2.50
66 OR MORE YEARS	3.91	5.68	4.59	2.23	1.12	4.52

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 22. MEAN PATIENT CARE ACTIVITIES PER WEEK: PATHOLOGY, 1983*

	SURGICAL CONSULTATIONS		EXAMINATIONS OF SURGICAL SPECIMENS		LABORATORY PROCEDURES		AUTOPSIES	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	6.1	9.9	17.3	87.2	7.2	26.8	3.7	1.2
CENSUS DIVISION								
NEW ENGLAND	2.6	5.7	14.3	72.4	6.0	11.1	3.2	0.8
MIDDLE ATLANTIC	6.0	6.8	20.3	90.8	6.9	29.8	6.9	2.3
EAST NORTH CENTRAL	4.5	7.4	17.0	85.3	6.6	31.8	4.1	1.7
WEST NORTH CENTRAL	10.5	26.1	16.5	91.0	9.0	25.2	2.0	0.7
SOUTH ATLANTIC	8.6	9.1	18.1	89.4	5.5	38.0	3.0	1.0
EAST SOUTH CENTRAL	5.9	11.8	14.6	122.2	7.5	35.8	2.1	0.8
WEST SOUTH CENTRAL	6.7	12.0	17.7	80.0	8.1	26.6	2.1	0.7
MOUNTAIN	.	.	.	.	.	.	.	.
PACIFIC	5.4	8.8	16.9	83.7	7.9	14.1	3.4	1.0
TYPE OF PRACTICE								
SOLO	5.1	6.2	14.3	62.0	10.1	34.5	5.5	1.5
NON-SOLO	6.2	10.5	17.7	90.9	6.7	25.8	3.5	1.2
LOCATION								
NONMETROPOLITAN	9.1	17.1	16.4	68.6	10.6	17.0	3.3	1.0
METROPOLITAN								
LESS THAN 1,000,000	5.4	8.6	18.9	97.6	6.6	27.0	3.4	1.1
1,000,000 AND OVER	6.3	9.9	15.5	79.1	7.1	29.1	4.2	1.5
EMPLOYMENT STATUS								
SELF-EMPLOYED	5.7	7.5	17.4	84.0	8.7	28.7	3.4	1.0
EMPLOYEE	6.5	12.3	17.2	90.4	5.6	25.1	4.0	1.5
PHYSICIAN AGE								
LESS THAN 36 YEARS	5.3	7.8	17.3	89.0	6.5	34.8	4.2	1.9
36-45 YEARS	6.6	10.5	19.1	84.7	7.2	22.9	3.2	1.1
46-55 YEARS	5.9	12.3	16.2	94.0	7.5	36.5	3.2	1.1
56-65 YEARS	6.1	6.4	17.0	79.4	7.7	17.3	4.7	1.4
66 OR MORE YEARS	.	.	.	.	.	.	.	.

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 22 (CONTINUED). STANDARD ERROR OF MEAN PATIENT CARE ACTIVITIES PER WEEK: PATHOLOGY, 1983*

	SURGICAL CONSULTATIONS		EXAMINATIONS OF SURGICAL SPECIMENS		LABORATORY PROCEDURES		AUTOPSIES	
	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK	HOURS PER WEEK	NUMBER PER WEEK
ALL PHYSICIANS	0.57	1.27	0.79	4.49	0.48	4.20	0.39	0.16
CENSUS DIVISION								
NEW ENGLAND	0.58	1.39	2.18	15.79	1.36	3.67	0.76	0.15
MIDDLE ATLANTIC	1.23	1.34	2.34	10.26	1.40	7.74	1.61	0.51
EAST NORTH CENTRAL	1.05	0.89	1.75	9.52	0.88	0.66	0.83	0.84
WEST NORTH CENTRAL	3.18	12.93	2.40	12.71	2.32	10.52	0.54	0.17
SOUTH ATLANTIC	2.47	2.08	2.01	16.97	1.31	21.43	0.62	0.18
EAST SOUTH CENTRAL	1.03	2.74	3.46	21.10	1.54	24.22	0.75	0.32
WEST SOUTH CENTRAL	1.20	2.87	2.64	12.46	1.17	11.35	1.01	0.23
MOUNTAIN	.	.	.	.	.	.	.	.
PACIFIC	1.04	1.43	2.11	12.86	1.41	4.03	1.04	0.28
TYPE OF PRACTICE								
SOLO	1.18	1.07	1.85	11.75	1.60	8.86	1.51	0.35
NON-SOLO	0.62	1.44	0.87	4.80	0.49	4.63	0.39	0.18
LOCATION								
NONMETROPOLITAN	3.75	11.17	1.88	10.80	1.81	6.18	1.19	0.23
METROPOLITAN								
LESS THAN 1,000,000	0.61	1.09	1.20	6.38	0.64	5.45	0.44	0.15
1,000,000 AND OVER	0.79	1.19	1.19	7.17	0.83	7.21	0.74	0.35
EMPLOYMENT STATUS								
SELF-EMPLOYED	0.69	0.63	1.03	5.98	0.75	4.93	0.47	0.12
EMPLOYEE	0.91	2.46	1.19	6.72	0.58	6.80	0.62	0.30
PHYSICIAN AGE								
LESS THAN 36 YEARS	1.07	1.28	2.67	10.78	1.36	14.07	1.38	1.14
36-45 YEARS	1.26	1.49	1.53	7.98	1.02	5.64	0.45	0.14
46-55 YEARS	0.82	3.21	1.19	7.79	0.79	9.78	0.74	0.24
56-65 YEARS	1.28	1.20	1.54	10.02	1.11	5.07	0.97	0.29
66 OR MORE YEARS	.	.	.	.	.	.	.	.

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 23. MEAN NUMBER OF DAYS WAITING TIME TO BE SCHEDULED FOR AN APPOINTMENT, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	6.3	3.0	7.7	7.5	5.7	10.6
CENSUS DIVISION						
NEW ENGLAND	8.4	2.7	9.1	10.7	8.8	10.8
MIDDLE ATLANTIC	6.7	2.6	8.0	7.1	8.1	13.2
EAST NORTH CENTRAL	6.3	2.1	7.3	9.3	5.9	12.3
WEST NORTH CENTRAL	7.3	4.2	8.3	9.4	7.1	8.0
SOUTH ATLANTIC	6.3	4.2	7.8	7.2	4.8	9.5
EAST SOUTH CENTRAL	5.1	2.9	5.8	7.1	2.4	7.5
WEST SOUTH CENTRAL	5.2	2.9	6.3	6.2	3.7	9.1
MOUNTAIN	6.0	2.7	9.2	4.9	.	9.8
PACIFIC	5.9	2.3	7.7	6.3	4.8	11.7
TYPE OF PRACTICE						
SOLO	5.6	2.8	6.7	6.2	3.7	8.6
NON-SOLO	7.0	3.1	8.5	8.8	6.6	12.7
LOCATION						
NONMETROPOLITAN	3.7	2.4	6.4	4.2	1.8	9.1
METROPOLITAN						
LESS THAN 1,000,000	7.2	4.0	9.0	8.3	5.6	11.8
1,000,000 AND OVER	6.1	2.2	6.8	7.2	6.3	9.6
EMPLOYMENT STATUS						
SELF-EMPLOYED	6.4	3.2	7.7	7.4	5.0	10.4
EMPLOYEE	5.8	2.0	7.6	7.8	7.1	12.1
PHYSICIAN AGE						
LESS THAN 36 YEARS	4.9	3.1	6.0	5.4	8.1	10.0
36-45 YEARS	7.0	3.9	8.2	7.6	4.8	12.1
46-55 YEARS	7.0	3.5	9.3	7.8	5.3	10.3
56-65 YEARS	6.5	2.6	8.2	8.3	6.1	10.0
66 OR MORE YEARS	3.9	1.5	4.8	5.9	3.5	6.9

SOURCE: 1983 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 23 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF DAYS WAITING TIME TO BE SCHEDULED FOR AN APPOINTMENT, 1983*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.21	0.32	0.47	0.49	0.72	0.93
CENSUS DIVISION						
NEW ENGLAND	1.01	0.91	2.01	3.12	2.17	3.11
MIDDLE ATLANTIC	0.51	0.71	1.26	0.91	2.34	2.78
EAST NORTH CENTRAL	0.53	0.29	0.98	1.56	1.82	3.04
WEST NORTH CENTRAL	0.94	1.43	2.28	2.48	3.05	1.84
SOUTH ATLANTIC	0.53	1.32	1.29	1.20	1.65	1.69
EAST SOUTH CENTRAL	0.71	1.19	1.34	1.86	1.31	2.62
WEST SOUTH CENTRAL	0.51	0.85	1.23	0.91	1.09	3.39
MOUNTAIN	0.85	0.59	2.11	0.99	.	3.77
PACIFIC	0.44	0.39	1.12	0.91	1.78	2.37
TYPE OF PRACTICE						
SOLO	0.29	0.52	0.71	0.62	0.87	1.12
NON-SOLO	0.29	0.32	0.64	0.75	0.96	1.47
LOCATION						
NONMETROPOLITAN	0.38	0.25	2.26	0.69	0.54	2.63
METROPOLITAN						
LESS THAN 1,000,000	0.37	0.79	0.85	0.78	1.11	1.52
1,000,000 AND OVER	0.27	0.27	0.55	0.69	1.04	1.16
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.24	0.38	0.59	0.52	0.74	0.97
EMPLOYEE	0.39	0.37	0.71	1.33	1.59	2.94
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.44	0.89	0.77	1.11	2.19	2.99
36-45 YEARS	0.39	0.92	0.89	0.86	0.92	1.71
46-55 YEARS	0.43	0.84	1.26	0.87	1.38	1.56
56-65 YEARS	0.49	0.47	1.11	1.25	2.02	2.18
66 OR MORE YEARS	0.39	0.20	0.98	1.16	1.21	2.15

SOURCE: 1983 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY.

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**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 24. MEAN NUMBER OF MINUTES WAITING TIME BY PATIENTS ARRIVING FOR AN APPOINTMENT, 1983*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	18.2	20.6	18.8	20.3	19.2	21.4
CENSUS DIVISION						
NEW ENGLAND	14.3	17.9	17.6	16.0	15.3	16.0
MIDDLE ATLANTIC	17.0	18.7	19.1	21.4	20.5	19.0
EAST NORTH CENTRAL	18.4	19.8	20.0	19.6	18.2	23.2
WEST NORTH CENTRAL	19.5	20.6	20.3	19.9	19.2	19.0
SOUTH ATLANTIC	19.0	17.9	18.1	21.8	18.1	26.3
EAST SOUTH CENTRAL	21.2	25.2	20.5	23.4	16.0	20.3
WEST SOUTH CENTRAL	21.3	25.8	21.7	22.0	22.2	24.7
MOUNTAIN	17.2	24.0	15.1	19.4	.	16.9
PACIFIC	16.5	18.7	16.8	17.6	21.8	18.0
TYPE OF PRACTICE						
SOLO	17.1	20.2	17.9	19.0	18.9	21.4
NON-SOLO	19.2	21.0	19.5	21.7	19.3	21.5
LOCATION						
NONMETROPOLITAN	20.7	22.1	17.0	19.9	22.6	26.9
METROPOLITAN						
LESS THAN 1,000,000	19.0	20.3	18.4	21.9	17.3	22.0
1,000,000 AND OVER	16.8	19.5	19.3	18.4	20.6	19.8
EMPLOYMENT STATUS						
SELF-EMPLOYED	18.2	20.8	17.9	20.2	19.1	21.0
EMPLOYEE	18.2	19.7	21.4	20.9	19.4	24.0
PHYSICIAN AGE						
LESS THAN 36 YEARS	18.2	19.6	17.6	20.9	21.5	25.0
36-45 YEARS	18.3	21.5	18.5	20.5	19.9	21.5
46-55 YEARS	18.1	21.6	18.9	20.8	18.5	21.2
56-65 YEARS	18.3	20.6	19.6	20.0	17.8	18.6
66 OR MORE YEARS	17.7	19.3	21.6	17.0	12.7	27.4

SOURCE: 1983 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY.

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**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 24 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF MINUTES WAITING TIME BY PATIENTS ARRIVING FOR AN APPOINTMENT, 1983*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.27	0.63	0.59	0.54	0.78	0.81
CENSUS DIVISION						
NEW ENGLAND	0.91	3.46	1.92	1.45	3.89	1.94
MIDDLE ATLANTIC	0.71	1.83	1.65	1.58	1.91	2.07
EAST NORTH CENTRAL	0.66	1.29	1.43	1.42	2.04	2.37
WEST NORTH CENTRAL	0.92	1.81	2.22	1.61	3.03	3.61
SOUTH ATLANTIC	0.67	1.34	1.59	1.29	1.35	2.06
EAST SOUTH CENTRAL	1.04	2.31	2.03	2.13	3.37	1.83
WEST SOUTH CENTRAL	0.88	2.10	2.07	1.60	2.51	2.68
MOUNTAIN	1.21	3.43	2.72	2.15	.	1.83
PACIFIC	0.63	1.55	1.14	1.38	2.19	1.50
TYPE OF PRACTICE						
SOLO	0.38	0.90	0.78	0.79	1.29	1.18
NON-SOLO	0.37	0.85	0.87	0.73	0.98	1.11
LOCATION						
NONMETROPOLITAN	0.78	1.17	2.09	1.43	3.21	3.35
METROPOLITAN						
LESS THAN 1,000,000	0.40	0.99	0.86	0.82	1.02	1.18
1,000,000 AND OVER	0.40	1.10	0.87	0.80	1.24	1.13
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.29	0.67	0.63	0.58	0.87	0.86
EMPLOYEE	0.64	1.72	1.40	1.55	1.62	2.27
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.65	1.27	1.09	1.83	2.00	2.98
36-45 YEARS	0.46	1.43	0.94	0.89	1.29	1.00
46-55 YEARS	0.56	1.38	1.44	1.13	1.56	1.49
56-65 YEARS	0.61	1.19	1.61	1.15	1.88	1.58
66 OR MORE YEARS	0.98	1.77	2.77	1.74	1.76	4.40

SOURCE: 1983 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 25. MEAN NUMBER OF PATIENTS DISCHARGED FROM THE HOSPITAL PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	4.9	4.6	5.0	6.2	5.9	7.7
CENSUS DIVISION						
NEW ENGLAND	3.9	2.5	3.6	5.7	5.8	8.3
MIDDLE ATLANTIC	4.1	3.1	4.3	6.1	4.6	6.8
EAST NORTH CENTRAL	5.4	5.2	5.6	6.6	6.3	9.1
WEST NORTH CENTRAL	5.6	5.4	6.6	7.3	7.0	6.0
SOUTH ATLANTIC	5.0	4.1	4.8	6.6	5.6	8.4
EAST SOUTH CENTRAL	7.0	7.7	6.6	7.7	6.6	7.1
WEST SOUTH CENTRAL	5.7	6.0	6.2	6.8	6.3	7.6
MOUNTAIN	4.3	4.8	4.3	4.6	9.7	7.4
PACIFIC	3.9	2.6	4.3	4.6	5.3	7.2
TYPE OF PRACTICE						
SOLO	4.3	4.1	4.6	5.6	4.9	7.2
NON-SOLO	5.4	5.2	5.3	6.8	6.3	8.1
LOCATION						
NONMETROPOLITAN	6.8	6.9	6.3	8.0	9.6	8.7
METROPOLITAN						
LESS THAN 1,000,000	5.5	4.1	5.6	6.8	7.0	8.7
1,000,000 AND OVER	3.8	3.1	4.3	5.2	4.3	6.5
EMPLOYMENT STATUS						
SELF-EMPLOYED	5.2	4.8	5.3	6.4	6.6	7.9
EMPLOYEE	3.7	3.5	3.9	4.7	4.4	6.5
PHYSICIAN AGE						
LESS THAN 36 YEARS	4.6	4.6	5.4	5.2	6.5	7.7
36-45 YEARS	5.3	5.0	5.1	6.3	6.7	8.2
46-55 YEARS	5.2	5.3	5.3	6.9	5.2	7.6
56-65 YEARS	4.9	4.6	4.8	6.5	4.9	8.2
66 OR MORE YEARS	3.0	3.2	2.6	3.6	4.4	4.3

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 25 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF PATIENTS DISCHARGED FROM THE HOSPITAL PER WEEK, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.08	0.16	0.15	0.15	0.32	0.29
CENSUS DIVISION						
NEW ENGLAND	0.26	0.48	0.32	0.44	1.62	1.34
MIDDLE ATLANTIC	0.18	0.33	0.38	0.34	0.57	0.60
EAST NORTH CENTRAL	0.22	0.34	0.46	0.33	0.89	1.03
WEST NORTH CENTRAL	0.26	0.38	0.71	0.55	1.18	1.00
SOUTH ATLANTIC	0.19	0.42	0.31	0.43	0.75	0.74
EAST SOUTH CENTRAL	0.41	0.90	0.83	0.68	1.03	0.56
WEST SOUTH CENTRAL	0.26	0.50	0.56	0.50	1.01	0.99
MOUNTAIN	0.36	0.81	0.53	0.56	2.88	1.10
PACIFIC	0.17	0.24	0.30	0.26	0.71	0.51
TYPE OF PRACTICE						
SOLO	0.10	0.20	0.24	0.19	0.44	0.44
NON-SOLO	0.12	0.26	0.20	0.22	0.42	0.38
LOCATION						
NONMETROPOLITAN	0.27	0.38	0.56	0.58	1.69	0.89
METROPOLITAN						
LESS THAN 1,000,000	0.12	0.23	0.26	0.23	0.51	0.48
1,000,000 AND OVER	0.10	0.19	0.21	0.19	0.36	0.35
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.09	0.18	0.18	0.16	0.40	0.32
EMPLOYEE	0.17	0.37	0.28	0.30	0.53	0.64
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.20	0.37	0.35	0.38	0.92	0.68
36-45 YEARS	0.15	0.39	0.24	0.21	0.55	0.50
46-55 YEARS	0.16	0.38	0.37	0.36	0.59	0.47
56-65 YEARS	0.18	0.31	0.46	0.33	0.67	0.84
66 OR MORE YEARS	0.18	0.30	0.35	0.41	1.21	0.68

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 26. MEAN NUMBER OF DAYS FOR HOSPITAL STAYS PER PATIENT, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	6.3	5.8	7.3	4.6	4.2	3.9
CENSUS DIVISION						
NEW ENGLAND	6.6	8.0	7.8	4.5	3.9	3.5
MIDDLE ATLANTIC	7.6	7.7	8.6	5.5	4.1	4.4
EAST NORTH CENTRAL	6.5	6.0	7.3	4.6	4.4	4.0
WEST NORTH CENTRAL	6.2	4.9	7.0	4.7	5.8	4.0
SOUTH ATLANTIC	6.6	5.9	8.4	4.7	3.4	4.0
EAST SOUTH CENTRAL	6.1	6.2	6.7	4.7	4.5	3.9
WEST SOUTH CENTRAL	5.8	5.8	6.3	4.1	4.5	4.0
MOUNTAIN	6.1	4.0	7.0	4.0	4.8	3.4
PACIFIC	5.0	4.9	5.5	4.3	3.7	3.0
TYPE OF PRACTICE						
SOLO	6.0	5.8	7.5	4.3	3.5	3.8
NON-SOLO	6.6	5.7	7.2	4.9	4.5	3.9
LOCATION						
NONMETROPOLITAN	5.5	5.1	6.0	4.8	3.3	4.1
METROPOLITAN						
LESS THAN 1,000,000	6.3	6.1	7.3	4.6	4.4	3.7
1,000,000 AND OVER	6.6	6.1	7.6	4.6	4.1	4.0
EMPLOYMENT STATUS						
SELF-EMPLOYED	5.8	5.6	7.3	4.5	3.8	3.7
EMPLOYEE	8.8	6.9	7.3	5.3	5.5	4.7
PHYSICIAN AGE						
LESS THAN 36 YEARS	6.1	4.9	6.7	4.5	5.3	4.1
36-45 YEARS	5.9	5.4	7.0	4.6	4.3	3.6
46-55 YEARS	6.4	5.4	7.6	4.4	3.6	3.9
56-65 YEARS	6.7	6.6	7.8	4.9	3.5	3.9
66 OR MORE YEARS	7.2	6.7	9.5	4.8	3.2	4.3

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 26 (CONTINUED). STANDARD ERROR OF THE MEAN NUMBER OF DAYS FOR HOSPITAL STAYS PER PATIENT, 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.11	0.15	0.17	0.09	0.22	0.12
CENSUS DIVISION						
NEW ENGLAND	0.45	2.04	0.55	0.33	0.47	0.26
MIDDLE ATLANTIC	0.34	0.44	0.47	0.40	0.36	0.60
EAST NORTH CENTRAL	0.28	0.24	0.30	0.18	0.67	0.21
WEST NORTH CENTRAL	0.34	0.22	0.73	0.25	1.39	0.27
SOUTH ATLANTIC	0.30	0.24	0.66	0.21	0.10	0.15
EAST SOUTH CENTRAL	0.35	0.63	0.42	0.25	0.93	0.21
WEST SOUTH CENTRAL	0.36	0.61	0.38	0.21	1.00	0.22
MOUNTAIN	0.64	0.29	0.46	0.37	1.32	0.17
PACIFIC	0.18	0.26	0.18	0.19	0.46	0.11
TYPE OF PRACTICE						
SOLO	0.13	0.13	0.25	0.13	0.14	0.11
NON-SOLO	0.18	0.29	0.24	0.13	0.32	0.20
LOCATION						
NONMETROPOLITAN	0.30	0.16	0.26	0.18	0.15	0.46
METROPOLITAN						
LESS THAN 1,000,000	0.17	0.32	0.27	0.14	0.36	0.08
1,000,000 AND OVER	0.17	0.20	0.25	0.14	0.30	0.24
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.09	0.10	0.19	0.09	0.19	0.07
EMPLOYEE	0.45	0.90	0.42	0.35	0.71	0.78
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.27	0.19	0.22	0.35	0.86	0.86
36-45 YEARS	0.16	0.19	0.26	0.17	0.36	0.10
46-55 YEARS	0.25	0.21	0.42	0.14	0.21	0.12
56-65 YEARS	0.29	0.40	0.47	0.17	0.14	0.17
66 OR MORE YEARS	0.46	0.53	1.22	0.33	0.21	0.30

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 27. MEAN FEE FOR AN OFFICE VISIT WITH AN ESTABLISHED PATIENT (IN DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	23.27	19.43	26.39	24.77	21.79	28.16
CENSUS DIVISION						
NEW ENGLAND	25.50	23.63	25.30	25.85	23.13	32.72
MIDDLE ATLANTIC	26.25	24.58	28.29	26.20	22.64	29.53
EAST NORTH CENTRAL	20.51	17.06	21.73	23.06	19.07	24.22
WEST NORTH CENTRAL	18.22	16.19	20.40	19.31	20.11	26.14
SOUTH ATLANTIC	23.50	18.11	29.48	24.48	20.82	31.79
EAST SOUTH CENTRAL	20.01	16.76	24.72	22.04	19.41	25.44
WEST SOUTH CENTRAL	22.47	18.90	25.26	25.14	20.92	25.07
MOUNTAIN	21.67	19.57	23.18	23.80	19.28	24.74
PACIFIC	28.19	24.99	31.47	29.38	26.91	30.48
TYPE OF PRACTICE						
SOLO	23.02	19.69	25.67	25.20	21.08	27.36
NON-SOLO	23.55	19.03	27.14	24.29	22.20	28.85
LOCATION						
NONMETROPOLITAN	17.68	16.48	20.36	20.63	18.63	20.07
METROPOLITAN						
LESS THAN 1,000,000	22.33	18.82	25.07	23.27	20.58	26.90
1,000,000 AND OVER	27.02	24.22	28.67	27.90	24.10	31.67
EMPLOYMENT STATUS						
SELF-EMPLOYED	23.16	19.51	26.13	24.70	21.46	27.81
EMPLOYEE	24.21	18.73	28.30	25.67	23.82	31.53
PHYSICIAN AGE						
LESS THAN 36 YEARS	22.98	18.37	27.36	26.18	21.79	28.47
36-45 YEARS	24.15	19.91	26.99	24.52	22.11	28.95
46-55 YEARS	23.27	18.99	26.53	25.32	22.04	27.75
56-65 YEARS	22.89	20.73	25.39	23.93	21.27	26.62
66 OR MORE YEARS	21.68	17.91	24.49	24.51	20.38	31.32

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 27 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR AN OFFICE VISIT WITH AN ESTABLISHED PATIENT (IN DOLLARS), 1983*

		SPECIALTY				
	ALL PHYSICIANS**	GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.18	0.43	0.39	0.27	0.34	0.50
CENSUS DIVISION						
NEW ENGLAND	0.57	1.54	0.92	0.96	1.77	1.64
MIDDLE ATLANTIC	0.82	3.69	1.11	0.72	0.66	1.24
EAST NORTH CENTRAL	0.25	0.27	0.52	0.57	0.37	1.09
WEST NORTH CENTRAL	0.33	0.32	0.93	0.74	0.70	2.22
SOUTH ATLANTIC	0.39	0.43	1.29	0.69	0.66	1.32
EAST SOUTH CENTRAL	0.50	0.54	2.13	0.82	1.27	1.61
WEST SOUTH CENTRAL	0.37	0.49	0.94	0.75	0.66	1.11
MOUNTAIN	0.61	1.16	1.25	1.35	0.69	1.72
PACIFIC	0.39	0.69	0.90	0.77	1.12	1.09
TYPE OF PRACTICE						
SOLO	0.28	0.68	0.49	0.39	0.45	0.74
NON-SOLO	0.21	0.28	0.62	0.36	0.46	0.67
LOCATION						
NONMETROPOLITAN	0.28	0.29	0.99	1.00	0.55	1.28
METROPOLITAN						
LESS THAN 1,000,000	0.19	0.25	0.59	0.33	0.35	0.57
1,000,000 AND OVER	0.36	1.36	0.57	0.44	0.63	0.88
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.19	0.47	0.41	0.29	0.33	0.50
EMPLOYEE	0.46	0.65	1.20	0.78	1.13	2.06
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.37	0.36	0.95	0.79	0.83	1.51
36-45 YEARS	0.28	0.47	0.72	0.48	0.58	0.91
46-55 YEARS	0.27	0.32	0.76	0.50	0.69	0.92
56-65 YEARS	0.58	1.50	0.97	0.59	0.66	0.98
66 OR MORE YEARS	0.50	0.64	1.23	0.96	1.61	2.21

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 28. MEAN FEE FOR AN OFFICE VISIT WITH AN ESTABLISHED PATIENT (IN DOLLARS), 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	9.76	10.95	11.76	13.50	15.17	17.17	18.43	21.60	23.27
SPECIALTY									
GENERAL/FAMILY PRACTICE	7.52	8.75	9.29	10.65	12.15	13.67	15.18	17.48	19.43
INTERNAL MEDICINE	11.28	12.28	13.56	15.52	16.83	19.89	20.46	25.30	26.39
SURGERY	10.33	11.27	12.22	13.94	15.91	17.61	19.00	23.57	24.77
PEDIATRICS	8.81	10.38	11.07	12.52	13.72	15.65	16.40	21.10	21.79
OBSTETRICS/GYNECOLOGY	11.61	13.10	13.73	15.40	18.23	19.04	20.66	25.76	28.16
CENSUS DIVISION									
NEW ENGLAND	10.75	11.71	12.57	13.59	15.17	17.60	19.70	22.37	25.50
MIDDLE ATLANTIC	11.82	12.60	13.75	15.58	17.41	18.57	20.20	24.17	26.25
EAST NORTH CENTRAL	8.87	9.99	10.86	12.26	13.57	15.46	16.69	19.44	20.51
WEST NORTH CENTRAL	7.60	9.50	9.00	10.69	11.76	13.55	14.48	16.99	18.22
SOUTH ATLANTIC	9.76	11.05	11.79	13.45	15.30	17.54	18.15	21.75	23.50
EAST SOUTH CENTRAL	8.47	9.24	9.70	11.34	12.62	15.24	15.52	19.03	20.01
WEST SOUTH CENTRAL	8.68	10.17	10.70	12.29	14.33	16.26	16.65	20.78	22.47
MOUNTAIN	8.41	9.83	9.92	11.81	13.47	16.35	16.84	21.20	21.67
PACIFIC	10.13	11.55	12.94	15.49	17.48	19.53	21.93	25.77	28.19
TYPE OF PRACTICE									
SOLO	9.71	10.82	11.69	13.44	15.12	17.23	18.36	21.15	23.02
NON-SOLO	9.84	11.13	11.85	13.58	15.26	17.09	18.52	22.10	23.55
LOCATION									
NONMETROPOLITAN	6.70	8.05	9.11	9.89	11.07	13.47	13.36	17.55	17.68
METROPOLITAN									
LESS THAN 1,000,000	9.01	10.19	10.93	12.35	14.15	15.65	16.67	21.19	22.33
1,000,000 AND OVER	11.27	12.38	13.47	15.50	17.14	19.50	21.06	24.57	27.02
PHYSICIAN AGE									
LESS THAN 36 YEARS	10.01	10.94	12.46	13.41	15.51	16.94	18.23	21.27	22.98
36-45 YEARS	9.73	11.28	11.95	13.92	15.48	17.16	18.98	22.24	24.15
46-55 YEARS	9.49	10.90	11.64	13.31	15.11	17.62	18.73	22.53	23.27
56-65 YEARS	9.97	10.85	11.42	13.35	15.22	17.15	17.68	20.85	22.89
66 OR MORE YEARS	10.06	10.56	11.63	13.30	14.01	16.54	18.08	19.66	21.68

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 28 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR AN OFFICE VISIT WITH AN ESTABLISHED PATIENT (IN DOLLARS), 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	0.08	0.08	0.09	0.13	0.12	0.15	0.14	0.15	0.18
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.07	0.11	0.11	0.09	0.12	0.13	0.14	0.19	0.43
INTERNAL MEDICINE	0.19	0.17	0.18	0.47	0.24	0.51	0.25	0.40	0.39
SURGERY	0.15	0.14	0.16	0.18	0.23	0.24	0.33	0.28	0.27
PEDIATRICS	0.17	0.20	0.20	0.29	0.23	0.27	0.20	0.32	0.34
OBSTETRICS/GYNECOLOGY	0.27	0.28	0.38	0.31	0.44	0.41	0.54	0.48	0.50
CENSUS DIVISION									
NEW ENGLAND	0.26	0.24	0.32	0.33	0.33	0.48	0.55	0.55	0.57
MIDDLE ATLANTIC	0.22	0.21	0.24	0.29	0.38	0.33	0.32	0.44	0.82
EAST NORTH CENTRAL	0.14	0.17	0.21	0.18	0.18	0.23	0.24	0.28	0.25
WEST NORTH CENTRAL	0.22	0.33	0.22	0.30	0.30	0.33	0.27	0.34	0.33
SOUTH ATLANTIC	0.18	0.21	0.17	0.22	0.26	0.64	0.25	0.36	0.39
EAST SOUTH CENTRAL	0.34	0.22	0.45	0.26	0.35	0.39	0.35	0.46	0.50
WEST SOUTH CENTRAL	0.25	0.26	0.23	0.32	0.35	0.39	0.27	0.36	0.37
MOUNTAIN	0.23	0.30	0.23	0.27	0.49	0.54	0.42	0.61	0.61
PACIFIC	0.14	0.17	0.22	0.59	0.29	0.34	0.53	0.40	0.39
TYPE OF PRACTICE									
SOLO	0.10	0.10	0.13	0.14	0.16	0.24	0.17	0.20	0.28
NON-SOLO	0.12	0.12	0.12	0.23	0.17	0.17	0.22	0.21	0.21
LOCATION									
NONMETROPOLITAN	0.10	0.20	0.17	0.17	0.25	0.83	0.16	0.22	0.28
METROPOLITAN									
LESS THAN 1,000,000	0.10	0.10	0.12	0.11	0.14	0.15	0.13	0.23	0.19
1,000,000 AND OVER	0.12	0.12	0.14	0.25	0.19	0.21	0.25	0.24	0.36
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.31	0.28	0.35	0.40	0.30	0.41	0.32	0.36	0.37
36-45 YEARS	0.13	0.16	0.15	0.34	0.22	0.24	0.24	0.26	0.28
46-55 YEARS	0.13	0.14	0.14	0.16	0.21	0.24	0.25	0.32	0.27
56-65 YEARS	0.18	0.15	0.18	0.21	0.27	0.26	0.23	0.30	0.58
66 OR MORE YEARS	0.26	0.25	0.33	0.36	0.39	0.69	0.72	0.42	0.50

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 29. MEAN FEE FOR AN OFFICE VISIT WITH A NEW PATIENT (IN DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	41.81	28.86	63.68	41.60	32.35	45.26
CENSUS DIVISION						
NEW ENGLAND	41.62	31.14	60.14	37.52	37.35	43.56
MIDDLE ATLANTIC	47.29	30.73	68.98	43.71	33.53	45.24
EAST NORTH CENTRAL	37.31	24.35	51.78	39.91	27.15	38.46
WEST NORTH CENTRAL	35.29	23.98	50.68	33.68	28.69	39.92
SOUTH ATLANTIC	41.65	29.71	70.66	41.07	31.64	47.49
EAST SOUTH CENTRAL	33.54	22.29	53.56	37.61	26.34	35.89
WEST SOUTH CENTRAL	39.45	27.24	59.14	39.55	31.42	42.84
MOUNTAIN	36.69	26.35	55.64	35.84	30.31	34.21
PACIFIC	53.26	39.67	83.44	53.86	40.54	57.87
TYPE OF PRACTICE						
SOLO	40.85	30.37	60.31	41.27	30.66	45.92
NON-SOLO	42.76	27.11	66.30	41.99	33.37	44.62
LOCATION						
NONMETROPOLITAN	28.33	24.02	41.07	32.55	23.51	36.70
METROPOLITAN						
LESS THAN 1,000,000	39.44	29.45	61.44	37.90	31.15	41.84
1,000,000 AND OVER	48.79	32.87	68.79	48.45	36.69	50.91
EMPLOYMENT STATUS						
SELF-EMPLOYED	41.13	28.93	62.76	41.20	30.61	45.14
EMPLOYEE	45.77	28.48	67.78	45.10	39.02	46.19
PHYSICIAN AGE						
LESS THAN 36 YEARS	40.56	27.33	59.63	44.45	32.96	45.30
36-45 YEARS	43.98	29.31	64.76	42.50	33.43	49.09
46-55 YEARS	41.65	29.46	67.25	40.04	32.38	42.99
56-65 YEARS	38.91	29.43	58.05	40.10	29.57	42.28
66 OR MORE YEARS	41.23	30.03	74.84	39.95	31.63	41.00

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 29 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR AN OFFICE VISIT WITH A NEW PATIENT (IN DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.42	0.50	1.29	0.57	1.03	1.10
CENSUS DIVISION						
NEW ENGLAND	1.44	1.73	3.66	1.68	4.51	2.66
MIDDLE ATLANTIC	1.24	1.88	3.42	1.74	3.13	2.09
EAST NORTH CENTRAL	0.87	1.02	2.48	1.55	3.26	1.76
WEST NORTH CENTRAL	1.50	1.03	3.29	1.56	1.85	2.73
SOUTH ATLANTIC	0.97	1.18	3.05	1.21	2.33	3.27
EAST SOUTH CENTRAL	1.16	1.15	3.95	1.42	1.91	1.26
WEST SOUTH CENTRAL	1.07	0.82	3.28	1.30	1.88	1.80
MOUNTAIN	1.60	1.43	4.51	1.57	3.53	2.73
PACIFIC	1.28	1.69	4.42	1.89	2.34	3.22
TYPE OF PRACTICE						
SOLO	0.55	0.76	1.87	0.82	1.32	1.50
NON-SOLO	0.63	0.57	1.79	0.79	1.44	1.59
LOCATION						
NONMETROPOLITAN	0.70	0.82	2.72	1.16	0.91	2.04
METROPOLITAN						
LESS THAN 1,000,000	0.54	0.72	1.61	0.61	1.49	1.49
1,000,000 AND OVER	0.74	0.99	2.09	1.09	1.67	1.73
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.43	0.54	1.35	0.60	0.99	1.16
EMPLOYEE	1.35	1.28	3.70	1.89	3.08	3.40
PHYSICIAN AGE						
LESS THAN 36 YEARS	1.04	1.03	2.82	1.55	3.05	2.69
36-45 YEARS	0.77	1.03	1.94	0.97	1.59	2.61
46-55 YEARS	0.76	0.99	2.74	0.91	1.94	1.25
56-65 YEARS	0.87	1.19	2.40	1.72	1.96	1.54
66 OR MORE YEARS	1.82	1.54	8.08	2.37	5.96	2.52

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.

TABLE 30. MEAN FEE FOR AN OFFICE VISIT WITH A NEW PATIENT (IN DOLLARS), 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	15.91	17.88	19.67	22.81	24.93	28.26	30.80	38.90	41.81
SPECIALTY									
GENERAL/FAMILY PRACTICE	10.77	12.02	13.11	14.80	16.55	18.21	20.43	26.58	28.86
INTERNAL MEDICINE	20.68	23.11	26.11	31.27	32.53	38.18	40.18	59.04	63.68
SURGERY	17.62	18.88	20.81	23.29	26.52	29.04	31.83	39.84	41.60
PEDIATRICS	12.17	14.48	16.18	17.45	19.03	21.06	22.15	29.63	32.35
OBSTETRICS/GYNECOLOGY	19.73	22.08	23.57	27.41	29.85	30.70	34.03	44.35	45.26
CENSUS DIVISION									
NEW ENGLAND	16.18	17.95	18.28	20.79	23.27	27.47	31.16	37.00	41.62
MIDDLE ATLANTIC	18.76	19.85	22.11	25.49	28.04	30.35	33.10	45.20	47.29
EAST NORTH CENTRAL	14.60	15.69	18.13	20.19	22.57	25.64	26.95	36.14	37.31
WEST NORTH CENTRAL	12.07	16.09	15.80	19.23	19.09	21.57	23.19	30.41	35.29
SOUTH ATLANTIC	16.11	18.76	20.37	23.70	25.18	28.77	30.87	39.28	41.65
EAST SOUTH CENTRAL	14.62	15.65	17.29	20.19	21.67	25.35	25.42	33.42	33.54
WEST SOUTH CENTRAL	14.20	17.55	19.10	21.87	25.00	27.80	28.25	36.25	39.45
MOUNTAIN	13.89	16.53	17.56	21.34	21.36	25.30	28.99	34.12	36.69
PACIFIC	17.14	19.14	21.92	25.77	29.04	33.04	38.47	46.87	53.26
TYPE OF PRACTICE									
SOLO	15.58	17.48	18.92	21.91	24.43	27.96	29.97	37.88	40.85
NON-SOLO	16.40	18.45	20.59	23.90	25.70	28.62	31.78	39.91	42.76
LOCATION									
NONMETROPOLITAN	10.65	11.87	14.18	15.64	16.55	19.03	19.22	30.59	28.33
METROPOLITAN									
LESS THAN 1,000,000	14.73	17.14	18.53	21.63	23.61	26.23	27.75	37.53	39.44
1,000,000 AND OVER	18.42	20.13	22.68	25.78	28.28	32.47	35.95	43.96	48.79
PHYSICIAN AGE									
LESS THAN 36 YEARS	16.96	20.01	20.23	23.72	27.76	28.49	31.20	38.09	40.56
36-45 YEARS	16.21	18.82	20.71	23.90	26.85	29.99	32.28	39.55	43.98
46-55 YEARS	15.56	17.34	19.32	22.30	23.74	28.84	31.79	39.18	41.65
56-65 YEARS	15.82	17.88	19.24	22.41	23.97	27.35	28.46	38.06	38.91
66 OR MORE YEARS	15.59	16.25	18.38	21.49	21.42	25.26	28.89	38.74	41.23

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 30 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR AN OFFICE VISIT WITH A NEW PATIENT, (IN DOLLARS), 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	0.16	0.19	0.20	0.26	0.29	0.33	0.33	0.42	0.42
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.17	0.18	0.19	0.25	0.28	0.28	0.26	0.51	0.50
INTERNAL MEDICINE	0.46	0.58	0.62	0.84	0.85	0.99	0.95	1.41	1.29
SURGERY	0.28	0.28	0.33	0.39	0.47	0.51	0.54	0.56	0.57
PEDIATRICS	0.37	0.55	0.64	0.59	0.54	0.61	0.49	0.95	1.03
OBSTETRICS/GYNECOLOGY	0.42	0.43	0.47	0.58	0.67	0.58	0.75	1.33	1.10
CENSUS DIVISION									
NEW ENGLAND	0.53	0.63	0.58	0.74	0.81	1.19	1.25	1.46	1.44
MIDDLE ATLANTIC	0.42	0.48	0.56	0.66	0.83	0.79	0.81	1.20	1.24
EAST NORTH CENTRAL	0.33	0.37	0.47	0.53	0.56	0.77	0.60	0.97	0.87
WEST NORTH CENTRAL	0.43	0.65	0.64	0.99	0.91	0.95	0.91	1.17	1.50
SOUTH ATLANTIC	0.41	0.55	0.54	0.69	0.70	0.94	0.71	1.00	0.97
EaST SOUTH CENTRAL	0.68	0.86	0.74	1.08	1.13	1.09	0.96	1.10	1.16
WEST SOUTH CENTRAL	0.52	0.70	0.73	0.89	1.14	1.10	1.40	1.43	1.07
MOUNTAIN	0.62	0.86	0.79	1.14	0.90	1.04	1.45	1.20	1.60
PACIFIC	0.38	0.40	0.49	0.66	0.71	0.86	0.94	1.14	1.28
TYPE OF PRACTICE									
SOLO	0.20	0.24	0.26	0.34	0.36	0.46	0.42	0.56	0.55
NON-SOLO	0.26	0.29	0.31	0.39	0.47	0.47	0.52	0.62	0.63
LOCATION									
NONMETROPOLITAN	0.28	0.33	0.36	0.58	0.55	0.91	0.42	0.65	0.70
METROPOLITAN									
LESS THAN 1,000,000	0.21	0.28	0.28	0.36	0.38	0.42	0.40	0.60	0.54
1,000,000 AND OVER	0.26	0.29	0.34	0.41	0.47	0.53	0.55	0.73	0.74
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.66	0.88	0.67	1.04	0.91	1.09	0.97	1.12	1.04
36-45 YEARS	0.29	0.38	0.38	0.50	0.59	0.63	0.59	0.67	0.77
46-55 YEARS	0.29	0.32	0.37	0.44	0.46	0.61	0.75	0.80	0.76
56-65 YEARS	0.33	0.38	0.43	0.53	0.64	0.65	0.58	0.96	0.87
66 OR MORE YEARS	0.47	0.49	0.60	0.84	0.69	0.97	0.94	1.93	1.82

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 31. MEAN FEE FOR A FOLLOW-UP HOSPITAL VISIT (IN DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	27.25	23.00	29.99	25.60	27.52	31.33
CENSUS DIVISION						
NEW ENGLAND	27.90	25.03	27.40	31.54	28.00	.
MIDDLE ATLANTIC	30.19	23.21	34.20	25.52	27.75	25.82
EAST NORTH CENTRAL	25.42	22.06	27.29	24.29	23.96	41.19
WEST NORTH CENTRAL	21.00	19.40	21.97	16.79	20.98	.
SOUTH ATLANTIC	28.30	24.50	32.25	25.65	24.21	32.57
EAST SOUTH CENTRAL	20.75	18.14	23.45	19.66	23.40	21.46
WEST SOUTH CENTRAL	28.69	25.96	29.54	30.08	30.64	28.83
MOUNTAIN	27.16	25.05	27.55	22.27	29.41	25.95
PACIFIC	35.54	31.36	36.80	32.59	44.32	34.34
TYPE OF PRACTICE						
SOLO	27.06	23.07	30.42	27.58	23.26	38.66
NON-SOLO	27.40	22.89	29.68	23.88	29.02	25.07
LOCATION						
NONMETROPOLITAN	20.79	19.65	23.96	21.40	19.61	22.82
METROPOLITAN						
LESS THAN 1,000,000	25.61	23.59	26.99	23.54	26.65	27.54
1,000,000 AND OVER	32.59	27.91	34.60	29.85	30.75	37.97
EMPLOYMENT STATUS						
SELF-EMPLOYED	27.03	23.11	29.59	25.53	27.33	32.29
EMPLOYEE	28.43	22.20	32.16	26.07	28.11	22.86
PHYSICIAN AGE						
LESS THAN 36 YEARS	28.43	22.34	31.06	28.90	27.71	26.98
36-45 YEARS	27.52	23.38	29.35	24.75	29.61	27.93
46-55 YEARS	27.10	22.13	31.62	25.15	26.10	28.03
56-65 YEARS	26.91	23.95	29.29	27.39	23.91	43.59
66 OR MORE YEARS	23.84	22.88	24.64	24.45	22.90	.

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 31 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR A FOLLOW-UP HOSPITAL VISIT (IN DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	0.28	0.49	0.49	0.45	0.99	2.76
CENSUS DIVISION						
NEW ENGLAND	0.84	1.14	1.09	2.72	2.50	.
MIDDLE ATLANTIC	0.73	1.19	1.33	1.06	1.64	2.48
EAST NORTH CENTRAL	0.65	0.74	1.21	0.85	1.05	14.65
WEST NORTH CENTRAL	0.71	0.71	1.02	0.77	1.10	.
SOUTH ATLANTIC	0.60	1.24	1.21	1.05	1.30	2.53
EAST SOUTH CENTRAL	0.60	1.00	1.21	0.93	1.79	1.39
WEST SOUTH CENTRAL	1.01	2.43	1.50	1.68	3.74	3.20
MOUNTAIN	1.17	2.89	1.58	1.25	4.37	2.56
PACIFIC	0.91	1.36	1.32	1.19	5.50	2.51
TYPE OF PRACTICE						
SOLO	0.39	0.59	0.71	0.74	0.84	5.54
NON-SOLO	0.39	0.83	0.68	0.52	1.36	1.18
LOCATION						
NONMETROPOLITAN	0.45	0.56	1.19	1.39	1.45	2.17
METROPOLITAN						
LESS THAN 1,000,000	0.38	0.95	0.60	0.56	1.61	1.33
1,000,000 AND OVER	0.48	0.83	0.79	0.80	1.17	6.28
EMPLOYMENT STATUS						
SELF-EMPLOYED	0.30	0.53	0.50	0.50	1.15	3.09
EMPLOYEE	0.74	1.27	1.50	1.02	1.83	2.27
PHYSICIAN AGE						
LESS THAN 36 YEARS	0.62	0.71	1.17	1.47	1.63	2.07
36-45 YEARS	0.44	1.03	0.72	0.63	2.06	1.77
46-55 YEARS	0.53	0.72	1.10	0.93	1.96	2.27
56-65 YEARS	0.83	1.42	1.33	1.08	1.26	11.27
66 OR MORE YEARS	0.88	1.20	1.65	2.91	1.39	

SOURCE: 1ST-4TH QUARTER 1983 AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**EXCLUDES RADIOLOGY, PSYCHIATRY, ANESTHESIOLOGY AND PATHOLOGY, BUT OTHERWISE INCLUDES SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 32. MEAN FEE FOR A FOLLOW-UP HOSPITAL VISIT (IN DOLLARS), 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	13.46	15.52	16.98	19.92	22.28	24.06	26.70	24.73	27.25
SPECIALTY									
GENERAL/FAMILY PRACTICE	10.53	12.79	13.51	16.11	17.89	19.06	21.84	21.18	23.00
INTERNAL MEDICINE	14.65	16.47	18.56	21.02	23.95	25.11	27.93	27.02	29.99
SURGERY	15.30	16.65	18.29	20.95	23.71	24.91	28.92	24.83	25.60
PEDIATRICS	12.19	13.91	16.14	18.59	20.30	23.32	22.61	24.01	27.52
OBSTETRICS/GYNECOLOGY	14.19	16.96	17.99	23.25	24.79	27.03	27.69	26.12	31.33
CENSUS DIVISION									
NEW ENGLAND	13.39	15.28	15.56	20.88	19.71	23.04	26.07	23.55	27.90
MIDDLE ATLANTIC	16.27	17.80	19.26	22.79	25.43	27.29	29.19	28.41	30.19
EAST NORTH CENTRAL	12.01	13.77	15.94	18.11	20.33	21.19	24.02	23.45	25.42
WEST NORTH CENTRAL	10.94	12.98	13.41	15.74	17.58	18.79	21.09	21.18	21.00
SOUTH ATLANTIC	13.60	15.74	17.11	20.09	23.43	25.53	27.05	25.15	28.30
EAST SOUTH CENTRAL	11.21	13.98	14.61	15.46	18.82	19.65	21.23	20.43	20.75
WEST SOUTH CENTRAL	12.23	14.90	16.10	18.71	20.26	24.36	24.48	23.81	28.69
MOUNTAIN	12.82	14.75	15.29	18.31	19.06	22.16	23.91	24.34	27.16
PACIFIC	14.68	17.24	19.56	22.78	26.23	26.57	32.57	30.90	35.54
TYPE OF PRACTICE									
SOLO	13.51	15.69	17.08	20.00	22.52	24.23	26.79	24.85	27.06
NON-SOLO	13.39	15.29	16.86	19.73	21.91	23.86	26.60	24.62	27.40
LOCATION									
NONMETROPOLITAN	9.74	11.29	12.78	15.00	16.92	17.65	19.54	21.40	20.79
METROPOLITAN									
LESS THAN 1,000,000	12.59	14.62	15.91	18.63	20.53	22.19	24.00	23.14	25.61
1,000,000 AND OVER	15.37	17.54	19.49	22.43	25.29	27.49	30.66	28.53	32.59
PHYSICIAN AGE									
LESS THAN 36 YEARS	13.11	17.07	17.60	19.23	23.78	23.90	28.00	24.65	28.43
36-45 YEARS	13.39	15.79	17.14	20.52	23.44	25.03	26.64	25.94	27.52
46-55 YEARS	13.68	15.02	16.86	20.13	21.25	24.92	26.69	24.91	27.10
56-65 YEARS	13.66	15.86	17.00	19.10	21.71	22.97	26.84	23.35	26.91
66 OR MORE YEARS	12.82	14.59	16.23	19.88	20.98	22.04	24.82	22.11	23.84

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 32 (CONTINUED). STANDARD ERROR OF THE MEAN FEE FOR A FOLLOW-UP HOSPITAL VISIT (IN DOLLARS), 1973-76, 1978-80, 1982-83*

	1973	1974	1975	1976	1978	1979	1980	1982**	1983**
ALL PHYSICIANS	0.17	0.18	0.20	0.27	0.26	0.28	0.41	0.23	0.28
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.21	0.27	0.27	0.34	0.39	0.39	0.91	0.36	0.49
INTERNAL MEDICINE	0.38	0.39	0.46	0.61	0.60	0.59	0.61	0.46	0.49
SURGERY	0.35	0.37	0.40	0.58	0.53	0.55	0.92	0.52	0.45
PEDIATRICS	0.38	0.54	0.63	0.68	0.69	0.84	0.75	0.55	0.99
OBSTETRICS/GYNECOLOGY	0.58	0.64	0.62	0.90	0.87	0.90	0.94	0.97	2.76
CENSUS DIVISION									
NEW ENGLAND	0.57	0.70	0.64	1.84	0.83	0.94	1.32	0.59	0.84
MIDDLE ATLANTIC	0.45	0.48	0.56	0.65	0.75	0.75	1.43	0.70	0.73
EAST NORTH CENTRAL	0.33	0.36	0.43	0.52	0.55	0.61	0.60	0.46	0.65
WEST NORTH CENTRAL	0.53	0.55	0.54	0.67	0.74	0.81	0.90	0.74	0.71
SOUTH ATLANTIC	0.44	0.48	0.50	0.57	0.70	0.78	0.77	0.71	0.60
EAST SOUTH CENTRAL	0.71	0.76	1.04	0.70	0.91	0.91	0.84	0.51	0.60
WEST SOUTH CENTRAL	0.49	0.62	0.58	0.68	0.71	0.93	0.81	0.48	1.01
MOUNTAIN	0.73	0.93	0.72	1.09	0.80	0.88	1.06	1.05	1.17
PACIFIC	0.41	0.47	0.52	0.80	0.72	0.70	1.37	0.58	0.91
TYPE OF PRACTICE									
SOLO	0.22	0.25	0.27	0.38	0.35	0.40	0.57	0.34	0.39
NON-SOLO	0.26	0.27	0.29	0.38	0.39	0.39	0.58	0.30	0.39
LOCATION									
NONMETROPOLITAN	0.33	0.36	0.36	0.53	0.60	0.52	0.58	0.52	0.45
METROPOLITAN									
LESS THAN 1,000,000	0.24	0.27	0.29	0.41	0.35	0.39	0.38	0.31	0.38
1,000,000 AND OVER	0.26	0.29	0.32	0.41	0.43	0.45	0.76	0.36	0.48
PHYSICIAN AGE									
LESS THAN 36 YEARS	0.62	0.87	0.64	0.81	0.77	0.97	1.07	0.53	0.62
36-45 YEARS	0.30	0.36	0.36	0.53	0.54	0.56	0.51	0.36	0.44
46-55 YEARS	0.30	0.31	0.36	0.44	0.43	0.55	0.58	0.49	0.53
56-65 YEARS	0.36	0.38	0.44	0.46	0.55	0.54	1.44	0.59	0.83
66 OR MORE YEARS	0.47	0.52	0.57	1.24	0.84	0.66	0.77	0.75	0.88

SOURCE: 1982-83, AMA SOCIOECONOMIC MONITORING SYSTEM SURVEYS; 1973-80, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES EXCLUDING PSYCHIATRY, RADIOLOGY, ANESTHESIOLOGY AND PATHOLOGY. RESULTS FOR YEARS PRIOR TO 1982, OTHER THAN IN THE SPECIALTY BREAKDOWN, MAY DIFFER FROM PREVIOUSLY REPORTED RESULTS BECAUSE OF THE SPECIALTY EXCLUSIONS. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING 1982 AND 1983 RESULTS WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1982 IN THE LOCATION BREAKDOWN REFLECT CORRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 33. MEAN PROFESSIONAL EXPENSES OF SELF-EMPLOYED PHYSICIANS (IN THOUSANDS OF DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	85.9	80.5	87.5	113.3	66.6	108.0
CENSUS DIVISION						
NEW ENGLAND	72.8	72.5	84.9	101.6	.	.
MIDDLE ATLANTIC	68.7	50.4	75.3	97.9	44.4	88.2
EAST NORTH CENTRAL	86.8	70.9	80.3	128.8	59.4	104.8
WEST NORTH CENTRAL	87.1	84.4	90.4	92.1	.	.
SOUTH ATLANTIC	90.4	83.7	91.9	111.1	71.7	124.1
EAST SOUTH CENTRAL	89.2	75.3	98.1	113.5	.	88.8
WEST SOUTH CENTRAL	107.4	122.8	121.1	118.3	64.0	101.6
MOUNTAIN	70.8	86.0	60.7	95.1	.	.
PACIFIC	89.7	85.7	90.9	131.8	73.3	125.8
TYPE OF PRACTICE						
SOLO	77.8	72.7	74.6	106.1	60.7	102.6
NON-SOLO	98.8	99.6	107.8	126.2	74.2	116.6
LOCATION						
NONMETROPOLITAN	88.0	85.8	66.4	99.5		120.8
METROPOLITAN						
LESS THAN 1,000,000	91.5	79.2	96.2	118.3	75.4	115.7
1,000,000 AND OVER	79.7	76.6	84.5	110.9	57.2	96.0
PHYSICIAN AGE						
LESS THAN 36 YEARS	67.3	67.8	63.4	102.9	52.6	71.8
36-45 YEARS	88.9	95.8	87.3	118.1	68.9	118.8
46-55 YEARS	100.8	96.7	116.9	126.1	78.0	119.3
56-65 YEARS	82.5	81.5	86.9	100.6	70.1	106.0
66 OR MORE YEARS	62.1	50.3	70.8	82.1	40.0	64.9

SOURCE: 1984 AMA SOCIOECONOMIC SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 33 (CONTINUED). STANDARD ERROR OF MEAN PROFESSIONAL EXPENSES OF SELF-EMPLOYED PHYSICIANS (IN THOUSANDS OF DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	1.72	3.32	4.35	3.74	3.26	5.02
CENSUS DIVISION						
NEW ENGLAND	5.46	16.10	13.38	12.06	.	.
MIDDLE ATLANTIC	3.71	6.59	8.30	9.38	6.93	11.66
EAST NORTH CENTRAL	4.63	5.35	8.71	11.54	7.80	11.40
WEST NORTH CENTRAL	6.39	6.27	15.53	14.03	.	.
SOUTH ATLANTIC	4.16	11.10	11.05	8.76	8.11	12.82
EAST SOUTH CENTRAL	5.39	7.27	13.10	10.97	.	12.14
WEST SOUTH CENTRAL	7.21	17.25	24.23	11.34	9.42	17.36
MOUNTAIN	5.04	9.03	17.40	11.23	.	.
PACIFIC	4.15	7.75	11.38	9.53	6.37	11.53
TYPE OF PRACTICE						
SOLO	1.96	3.27	4.84	4.70	4.06	6.28
NON-SOLO	3.12	7.87	7.89	6.07	5.16	8.26
LOCATION						
NONMETROPOLITAN	5.11	6.53	7.66	8.68		20.66
METROPOLITAN						
LESS THAN 1,000,000	2.56	4.39	7.71	5.48	4.49	7.61
1,000,000 AND OVER	2.59	6.52	5.80	6.01	4.55	6.52
PHYSICIAN AGE						
LESS THAN 36 YEARS	3.85	5.68	6.29	14.29	6.51	10.28
36-45 YEARS	3.17	9.24	6.70	6.15	6.27	11.66
46-55 YEARS	3.68	7.62	12.04	7.20	6.35	8.31
56-65 YEARS	3.48	6.08	12.46	7.74	6.97	8.20
66 OR MORE YEARS	4.46	5.32	10.93	11.96	9.50	11.09

SOURCE: 1984 AMA SOCIOECONOMIC SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 34. MEAN PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1973-75, 1977-79, 1981-83*

	1973	1974	1975	1977	1978	1979	1981**	1982**	1983**
ALL PHYSICIANS	32.2	34.0	38.5	45.5	46.4	52.9	74.0	78.4	85.9
SPECIALTY									
GENERAL/FAMILY PRACTICE	34.0	36.7	38.6	46.1	47.8	55.7	72.7	75.7	80.5
INTERNAL MEDICINE	34.0	35.8	40.4	45.6	44.8	52.5	76.0	75.8	87.5
SURGERY	38.0	39.3	49.1	60.4	63.4	69.3	92.1	105.0	113.3
PEDIATRICS	32.4	30.0	34.6	39.1	35.1	51.0	63.9	66.7	66.6
OBSTETRICS/GYNECOLOGY	37.2	41.9	48.5	60.9	61.9	67.0	99.6	109.0	108.0
CENSUS DIVISION									
NEW ENGLAND	26.3	24.6	28.4	36.5	31.1	38.0	53.8	69.6	72.8
MIDDLE ATLANTIC	24.6	28.0	33.4	34.2	39.6	41.8	65.7	59.0	68.7
EAST NORTH CENTRAL	32.8	33.8	39.9	41.4	45.8	52.1	72.4	71.2	86.8
WEST NORTH CENTRAL	34.4	35.4	37.7	45.6	47.4	52.0	78.3	87.8	87.1
SOUTH ATLANTIC	32.4	37.1	36.8	48.9	45.8	54.9	78.4	82.3	90.4
EAST SOUTH CENTRAL	36.0	40.2	48.0	47.5	53.1	66.0	92.0	86.3	89.2
WEST SOUTH CENTRAL	40.2	39.0	44.8	56.4	52.4	61.2	83.3	100.7	107.4
MOUNTAIN	33.9	34.2	36.5	52.9	48.7	54.5	62.9	77.6	70.8
PACIFIC	36.2	38.4	44.3	53.0	53.1	60.2	77.8	78.1	89.7
TYPE OF PRACTICE									
SOLO	29.4	33.2	38.0	43.6	47.7	50.5	71.1	71.2	77.8
NON-SOLO	36.6	35.0	39.1	48.6	44.7	55.8	79.7	87.9	98.8
LOCATION									
NONMETROPOLITAN	34.6	33.9	40.0	47.5	53.0	62.1	73.2	82.9	88.0
METROPOLITAN									
LESS THAN 1,000,000	34.3	35.4	38.7	48.2	49.1	53.4	82.0	78.1	91.5
1,000,000 AND OVER	29.9	32.9	38.0	42.8	42.7	50.9	68.6	77.5	79.7
PHYSICIAN AGE									
LESS THAN 36 YEARS	21.6	23.3	29.0	31.1	28.2	37.4	51.4	55.6	67.3
36-45 YEARS	35.2	36.4	41.3	52.2	47.9	59.6	76.3	77.6	88.9
46-55 YEARS	35.6	39.9	43.2	52.1	55.9	63.3	92.3	96.4	100.8
56-65 YEARS	31.8	32.6	39.0	43.6	48.3	49.3	67.7	80.4	82.5
66 OR MORE YEARS	22.3	23.7	24.2	28.6	32.2	36.4	68.3	56.0	62.1

SOURCE: 1981-83, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1973-79, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING RESULTS FOR 1981-83 WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1981 AND 1982 IN THE LOCATION BREAKDOWN REFLECT CORRRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 34 (CONTINUED). STANDARD ERROR OF MEAN PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1973-75, 1977-79, 1981-83*

	1973	1974	1975	1977	1978	1979	1981**	1982**	1983**
ALL PHYSICIANS	0.50	0.47	0.54	0.87	0.87	1.01	2.39	1.84	1.72
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.89	0.99	1.04	1.51	1.65	2.09	4.31	2.90	3.32
INTERNAL MEDICINE	1.19	1.21	1.25	1.58	1.56	2.17	5.24	3.48	4.35
SURGERY	1.05	0.84	1.22	2.19	2.41	2.26	5.56	5.00	3.74
PEDIATRICS	1.66	1.35	1.76	2.19	2.14	3.37	9.24	4.75	3.26
OBSTETRICS/GYNECOLOGY	1.33	1.82	2.16	3.42	3.29	4.47	11.85	6.33	5.02
CENSUS DIVISION									
NEW ENGLAND	1.68	1.33	1.71	2.44	2.01	2.60	6.83	7.98	5.46
MIDDLE ATLANTIC	0.81	0.87	1.11	1.20	1.73	2.08	4.79	4.13	3.71
EAST NORTH CENTRAL	1.28	1.12	1.35	1.52	2.33	2.43	5.98	3.58	4.63
WEST NORTH CENTRAL	1.60	1.73	2.15	2.90	3.23	2.89	6.13	8.82	6.39
SOUTH ATLANTIC	1.21	1.50	1.30	2.15	1.94	2.45	7.16	4.79	4.16
EAST SOUTH CENTRAL	2.53	2.66	3.69	3.10	4.57	6.13	17.53	7.65	5.39
WEST SOUTH CENTRAL	2.87	1.53	1.80	4.27	3.35	3.67	6.71	5.97	7.21
MOUNTAIN	1.92	1.52	1.82	6.69	2.85	3.67	6.31	5.85	5.04
PACIFIC	1.15	1.30	1.45	2.36	2.40	2.83	5.11	4.65	4.15
TYPE OF PRACTICE									
SOLO	0.51	0.56	0.68	0.97	1.13	1.05	2.89	1.92	1.96
NON-SOLO	0.99	0.78	0.87	1.64	1.36	1.85	4.23	3.40	3.12
LOCATION									
NONMETROPOLITAN	1.42	1.16	1.71	2.21	2.47	3.93	4.14	4.87	5.11
METROPOLITAN									
LESS THAN 1,000,000	0.90	0.78	0.85	1.57	1.38	1.50	5.18	2.63	2.56
1,000,000 AND OVER	0.62	0.67	0.77	1.11	1.25	1.45	3.00	3.01	2.59
PHYSICIAN AGE									
LESS THAN 36 YEARS	1.86	1.15	2.06	1.64	2.21	1.76	3.86	3.10	3.85
36-45 YEARS	1.11	0.91	1.02	1.72	1.76	2.28	3.95	3.12	3.17
46-55 YEARS	0.85	0.93	1.00	1.85	1.96	2.30	6.41	4.41	3.68
56-65 YEARS	0.92	0.92	1.16	1.79	1.60	1.61	3.83	4.09	3.48
66 OR MORE YEARS	1.07	1.14	1.14	1.61	1.51	2.07	9.01	3.67	4.46

SOURCE: 1981-83, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1973-79, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING RESULTS FOR 1981-83 WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1981 AND 1982 IN THE LOCATION BREAKDOWN REFLECT CORRRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 35. MEDIAN PROFESSIONAL EXPENSES OF SELF-EMPLOYED PHYSICIANS (IN THOUSANDS OF DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY				
		GENERAL & FAMILY PRACTICE	INTERNAL MEDICINE	SURGERY	PEDIATRICS	OBSTETRICS/ GYNECOLOGY
ALL PHYSICIANS	67.0	69.0	66.0	98.5	63.0	98.5
CENSUS DIVISION						
NEW ENGLAND	55.0	60.0	59.0	83.5	.	.
MIDDLE ATLANTIC	51.0	46.0	55.5	77.0	48.5	78.5
EAST NORTH CENTRAL	65.0	64.0	66.0	99.5	59.5	101.0
WEST NORTH CENTRAL	69.0	77.0	83.5	68.0	.	.
SOUTH ATLANTIC	71.0	63.0	72.0	97.0	72.0	102.0
EAST SOUTH CENTRAL	80.0	77.5	104.5	100.5	.	97.0
WEST SOUTH CENTRAL	77.5	84.5	86.0	117.5	61.0	71.0
MOUNTAIN	60.5	71.0	42.5	81.0	.	.
PACIFIC	71.0	75.0	64.0	113.5	76.0	127.0
TYPE OF PRACTICE						
SOLO	60.0	62.0	58.0	83.0	57.0	97.0
NON-SOLO	78.0	78.0	89.0	112.0	73.0	109.0
LOCATION						
NONMETROPOLITAN	70.0	71.0	61.0	89.0		108.5
METROPOLITAN						
LESS THAN 1,000,000	72.0	71.0	68.0	97.5	72.0	100.0
1,000,000 AND OVER	60.0	61.5	66.0	99.0	50.0	96.0
PHYSICIAN AGE						
LESS THAN 36 YEARS	58.0	70.0	49.5	89.0	56.0	71.0
36-45 YEARS	69.0	79.0	67.0	100.0	72.0	100.0
46-55 YEARS	82.5	89.0	94.0	106.5	74.0	108.5
56-65 YEARS	61.0	61.0	67.0	83.0	58.0	99.0
66 OR MORE YEARS	46.0	40.0	53.0	63.0	24.0	52.0

SOURCE: 1984 AMA SOCIOECONOMIC SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 36. MEDIAN PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1973-75, 1977-79, 1981-83*

	1973	1974	1975	1977	1978	1979	1981**	1982**	1983**
ALL PHYSICIANS	27.0	30.0	31.0	36.0	35.0	40.0	52.0	60.0	67.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	30.0	32.0	35.0	40.0	40.0	44.0	57.5	64.0	69.0
INTERNAL MEDICINE	30.0	32.0	35.0	39.0	40.0	42.0	60.0	66.0	66.0
SURGERY	32.0	35.0	40.0	47.0	50.0	52.0	70.0	75.5	98.5
PEDIATRICS	29.0	27.0	30.0	38.0	31.0	40.0	50.0	57.0	63.0
OBSTETRICS/GYNECOLOGY	35.0	37.0	40.0	50.0	50.0	59.5	75.0	95.0	98.5
CENSUS DIVISION									
NEW ENGLAND	20.0	20.0	24.0	30.0	25.0	30.0	40.0	47.0	55.0
MIDDLE ATLANTIC	20.0	23.2	28.0	30.0	30.0	30.0	50.0	47.0	51.0
EAST NORTH CENTRAL	27.0	29.6	30.0	34.0	35.0	40.0	50.0	60.0	65.0
WEST NORTH CENTRAL	30.0	30.0	33.0	35.0	35.0	46.0	76.0	64.0	69.0
SOUTH ATLANTIC	28.0	31.6	30.0	40.0	35.5	44.0	50.0	60.5	71.0
EAST SOUTH CENTRAL	33.0	31.0	40.0	45.0	40.0	44.0	58.0	70.5	80.0
WEST SOUTH CENTRAL	33.0	35.0	40.0	40.0	40.0	45.0	62.0	80.0	77.5
MOUNTAIN	30.5	30.0	35.0	40.0	40.0	44.0	49.0	63.0	60.5
PACIFIC	32.0	35.0	40.0	40.0	40.0	45.0	58.0	60.0	71.0
TYPE OF PRACTICE									
SOLO	25.0	28.0	30.0	35.0	38.0	40.0	50.0	59.0	60.0
NON-SOLO	30.0	30.0	33.0	40.0	31.5	40.0	60.0	64.0	78.0
LOCATION									
NONMETROPOLITAN	30.0	30.0	34.0	40.0	43.0	45.0	59.0	66.0	70.0
METROPOLITAN									
LESS THAN 1,000,000	30.0	30.0	32.0	40.0	40.0	40.0	56.0	63.0	72.0
1,000,000 AND OVER	24.0	28.0	30.0	33.5	30.0	38.0	50.0	57.0	60.0
PHYSICIAN AGE									
LESS THAN 36 YEARS	12.0	19.1	20.0	22.0	21.0	30.0	40.0	47.0	58.0
36-45 YEARS	30.0	31.0	35.0	40.0	40.0	45.0	53.5	63.0	69.0
46-55 YEARS	30.0	35.0	38.0	40.0	43.0	45.0	66.0	69.0	82.5
56-65 YEARS	25.0	28.0	33.0	35.0	40.0	40.0	53.0	63.0	61.0
66 OR MORE YEARS	17.0	18.0	19.0	20.0	25.0	28.0	45.0	46.0	46.0

SOURCE: 1981-83, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1973-79, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING RESULTS FOR 1981-83 WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1981 AND 1982 IN THE LOCATION BREAKDOWN REFLECT CORRRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 37. MEANS OF SELECTED COMPONENTS OF PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1983*

	NON-PHYSICIAN PAYROLL	OFFICE EXPENSES	MEDICAL SUPPLIES	PROFESSIONAL LIABILITY INSURANCE	MEDICAL EQUIPMENT
ALL PHYSICIANS	29.2	21.0	9.2	7.1	5.1
SPECIALTY					
GENERAL/FAMILY PRACTICE	30.5	20.5	11.7	4.4	4.3
INTERNAL MEDICINE	31.1	24.2	10.8	4.4	4.8
SURGERY	38.2	26.5	11.5	10.9	7.4
PEDIATRICS	25.9	20.9	7.3	3.9	4.8
OBSTETRICS/GYNECOLOGY	34.0	24.8	11.0	14.1	6.5
CENSUS DIVISION					
NEW ENGLAND	23.6	17.8	6.3	7.1	5.4
MIDDLE ATLANTIC	22.4	19.8	7.8	8.8	3.6
EAST NORTH CENTRAL	29.2	20.3	8.6	7.2	4.9
WEST NORTH CENTRAL	30.9	20.5	10.1	4.9	4.2
SOUTH ATLANTIC	31.7	22.5	8.6	6.3	6.1
EAST SOUTH CENTRAL	35.2	22.6	11.5	5.9	4.5
WEST SOUTH CENTRAL	38.9	22.8	13.0	5.1	7.7
MOUNTAIN	23.2	16.8	7.5	6.6	3.8
PACIFIC	27.3	22.0	9.5	9.0	5.1
TYPE OF PRACTICE					
SOLO	24.7	20.2	8.6	6.6	4.9
NON-SOLO	36.2	22.1	10.0	7.7	5.5
LOCATION					
NONMETROPOLITAN	32.2	21.8	9.5	5.3	4.7
METROPOLITAN					
LESS THAN 1,000,000	32.5	21.1	9.9	6.6	5.3
1,000,000 AND OVER	25.2	20.7	8.4	8.0	5.1
PHYSICIAN AGE					
LESS THAN 36 YEARS	23.5	18.0	7.2	5.0	4.9
36-45 YEARS	29.3	22.6	8.5	7.4	5.3
46-55 YEARS	34.1	23.3	10.7	8.0	6.1
56-65 YEARS	28.8	18.9	9.6	7.0	4.9
66 OR MORE YEARS	22.4	16.6	8.6	6.0	2.5

SOURCE: 1984 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY.

*DATA EXCLUDE EMPLOYEE PHYSICIANS. DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 37 (CONTINUED). STANDARD ERRORS OF MEANS OF SELECTED COMPONENTS OF PROFESSIONAL EXPENSES (IN THOUSANDS OF DOLLARS), 1983*

	NON-PHYSICIAN PAYROLL	OFFICE EXPENSES	MEDICAL SUPPLIES	PROFESSIONAL LIABILITY INSURANCE	MEDICAL EQUIPMENT
ALL PHYSICIANS	0.71	0.51	0.30	0.17	0.23
SPECIALTY					
GENERAL/FAMILY PRACTICE	1.44	1.14	0.61	0.30	0.47
INTERNAL MEDICINE	1.85	1.35	0.77	0.31	0.42
SURGERY	1.55	1.12	0.74	0.34	0.62
PEDIATRICS	1.71	1.58	0.58	0.66	0.89
OBSTETRICS/GYNECOLOGY	2.04	1.74	0.93	0.71	0.76
CENSUS DIVISION					
NEW ENGLAND	2.54	1.72	0.78	0.91	1.60
MIDDLE ATLANTIC	1.65	1.29	0.74	0.49	0.35
EAST NORTH CENTRAL	1.85	1.28	0.79	0.46	0.53
WEST NORTH CENTRAL	2.76	1.86	0.94	0.36	0.60
SOUTH ATLANTIC	1.79	1.26	0.61	0.33	0.62
EAST SOUTH CENTRAL	2.68	2.43	1.27	0.53	0.64
WEST SOUTH CENTRAL	2.80	1.62	1.25	0.33	1.12
MOUNTAIN	2.27	1.71	0.79	0.53	0.52
PACIFIC	1.50	1.25	0.78	0.49	0.47
TYPE OF PRACTICE					
SOLO	0.74	0.60	0.36	0.22	0.29
NON-SOLO	1.37	0.90	0.51	0.26	0.39
LOCATION					
NONMETROPOLITAN	2.22	1.68	0.68	0.39	0.39
METROPOLITAN					
LESS THAN 1,000,000	1.12	0.77	0.47	0.22	0.32
1,000,000 AND OVER	0.99	0.73	0.45	0.28	0.41
PHYSICIAN AGE					
LESS THAN 36 YEARS	1.70	1.35	0.69	0.35	0.53
36-45 YEARS	1.25	1.01	0.49	0.29	0.34
46-55 YEARS	1.46	1.01	0.64	0.34	0.54
56-65 YEARS	1.54	0.91	0.66	0.36	0.59
66 OR MORE YEARS	2.45	1.52	1.10	0.68	0.43

SOURCE: 1984 AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEY.

*DATA EXCLUDE EMPLOYEE PHYSICIANS. DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON INFORMATION FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

TABLE 38. MEAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	106.3	68.5	93.3	145.5	70.7	119.9	148.0	80.0	144.7	117.7
CENSUS DIVISION										
NEW ENGLAND	84.5	58.8	78.0	114.3	56.1	111.9	109.3	66.9	99.3	.
MIDDLE ATLANTIC	98.6	61.5	100.7	131.4	55.8	109.8	112.3	73.4	131.3	99.6
EAST NORTH CENTRAL	114.3	63.6	94.6	169.5	68.0	124.8	160.6	86.9	132.5	100.6
WEST NORTH CENTRAL	110.5	71.2	111.3	173.2	63.8	.	149.3	97.2	174.0	107.1
SOUTH ATLANTIC	106.7	69.0	91.0	136.3	78.7	111.0	176.0	70.2	149.8	129.1
EAST SOUTH CENTRAL	114.9	74.9	84.3	157.9	101.0	117.8	144.6	.	.	.
WEST SOUTH CENTRAL	124.4	93.2	106.1	171.4	75.0	131.3	155.5	95.5	157.7	137.2
MOUNTAIN	91.4	69.4	65.1	114.0	53.9	99.5	.	.	.	.
PACIFIC	103.1	56.1	90.1	130.7	76.8	137.2	161.3	79.5	151.0	.
TYPE OF PRACTICE										
SOLO	100.0	68.1	85.2	141.5	70.5	112.8	114.6	81.8	147.1	112.1
NON-SOLO	111.3	69.0	99.9	149.6	70.9	126.7	154.4	76.6	143.7	119.2
LOCATION										
NONMETROPOLITAN	87.2	74.4	82.7	115.3	.	125.5	128.3	66.4	.	.
METROPOLITAN										
LESS THAN 1,000,000	111.0	70.3	93.4	148.4	79.5	120.5	155.9	74.0	148.6	124.5
1,000,000 AND OVER	106.3	60.7	94.4	149.5	64.3	118.5	142.1	84.4	143.6	109.2
EMPLOYMENT STATUS										
SELF-EMPLOYED	115.9	71.7	103.4	151.9	77.7	126.7	165.8	84.2	155.8	140.1
EMPLOYEE	77.6	55.2	64.2	104.5	55.1	81.0	98.2	71.8	112.5	88.7
PHYSICIAN AGE										
LESS THAN 36 YEARS	77.0	57.9	68.0	108.8	44.7	78.9	100.3	64.9	126.9	90.3
36-45 YEARS	110.2	68.2	95.1	146.3	81.2	118.7	150.1	81.7	146.1	109.9
46-55 YEARS	133.6	77.8	125.4	183.8	81.2	139.4	161.6	90.4	161.3	134.1
56-65 YEARS	103.1	76.4	98.3	120.0	73.6	129.0	171.5	79.0	119.8	141.3
66 OR MORE YEARS	71.9	50.0	75.0	94.8	59.4	89.5	.	62.1	.	.

SOURCE: 1984 AMA SOCIOECONOMIC SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 38 (CONTINUED). STANDARD ERROR OF MEAN PHYSICIAN NET INCOME AFTER TAXES BEFORE EXPENSES (IN THOUSANDS OF DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	1.41	1.71	3.24	4.24	3.58	4.97	5.60	2.70	4.48	5.44
CENSUS DIVISION										
NEW ENGLAND	3.41	6.62	8.94	9.33	6.41	14.03	15.66	4.78	7.29	.
MIDDLE ATLANTIC	3.88	4.81	10.90	8.82	4.99	17.14	7.95	5.23	9.69	8.31
EAST NORTH CENTRAL	4.16	4.37	6.44	15.23	4.79	10.23	14.42	6.40	8.81	7.51
WEST NORTH CENTRAL	6.36	4.43	12.17	24.95	6.77	.	20.46	16.23	13.96	13.67
SOUTH ATLANTIC	3.10	3.49	5.95	6.89	13.80	8.69	16.15	4.96	13.95	12.02
EAST SOUTH CENTRAL	5.34	6.05	7.92	16.55	11.23	18.84	16.96	.	.	.
WEST SOUTH CENTRAL	4.74	7.28	8.46	13.05	9.52	16.16	23.33	11.45	12.72	24.66
MOUNTAIN	4.54	6.51	8.36	12.83	7.68	15.98	.	.	.	.
PACIFIC	3.02	3.27	5.89	7.13	6.51	16.32	11.66	6.84	13.08	.
TYPE OF PRACTICE										
SOLO	2.13	2.52	3.48	6.25	5.33	6.85	10.40	3.45	7.50	8.78
NON-SOLO	1.89	2.16	5.11	5.70	4.73	7.16	6.27	4.28	5.52	6.45
LOCATION										
NONMETROPOLITAN	2.74	3.31	10.22	6.15	.	16.10	11.97	7.65	.	.
METROPOLITAN										
LESS THAN 1,000,000	2.09	2.58	4.05	6.03	6.64	6.65	8.21	3.53	5.59	6.91
1,000,000 AND OVER	2.24	2.94	4.98	7.12	3.33	8.03	8.47	3.89	6.87	9.82
EMPLOYMENT STATUS										
SELF-EMPLOYED	1.74	1.99	4.13	4.75	4.87	5.48	6.45	3.47	5.27	7.78
EMPLOYEE	1.82	2.72	2.73	5.81	3.42	8.99	8.12	4.08	6.35	5.04
PHYSICIAN AGE										
LESS THAN 36 YEARS	2.30	2.99	3.73	9.12	4.14	11.97	10.82	6.45	11.19	9.17
36-45 YEARS	2.21	3.36	4.24	5.47	8.94	8.97	8.04	4.94	7.76	9.37
46-55 YEARS	3.54	3.27	7.05	10.59	4.15	11.70	10.47	6.29	7.73	10.16
56-65 YEARS	3.27	3.68	15.43	7.06	5.37	8.10	17.94	4.68	6.89	13.08
66 OR MORE YEARS	3.30	5.27	7.89	8.52	11.27	9.39	.	6.66	.	.

SOURCE: 1984 AMA SOCIOECONOMIC SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 39. MEAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1973-75, 1977-79, 1981-83*

	1973	1974	1975	1977	1978	1979	1981**	1982**	1983**
ALL PHYSICIANS	48.6	52.0	56.4	61.2	65.5	78.4	93.0	99.5	106.3
SPECIALTY									
GENERAL/FAMILY PRACTICE	41.9	44.7	45.4	51.1	54.6	62.0	72.2	71.9	68.5
INTERNAL MEDICINE	47.8	51.4	57.0	61.5	63.8	76.2	85.1	86.8	93.3
SURGERY	57.4	60.5	68.2	74.0	82.6	96.0	118.6	130.5	145.5
PEDIATRICS	41.1	42.1	44.3	48.2	51.2	60.4	65.1	70.3	70.7
OBSTETRICS/GYNECOLOGY	55.4	61.7	63.3	69.9	70.3	91.8	110.8	115.8	119.9
RADIOLOGY	59.5	63.8	75.2	76.7	81.5	98.0	116.9	136.8	148.0
PSYCHIATRY	38.4	41.3	44.8	48.2	50.2	62.6	70.6	76.5	80.0
ANESTHESIOLOGY	48.1	54.4	57.1	65.5	74.2	91.4	118.6	131.4	144.7
CENSUS DIVISION									
NEW ENGLAND	44.2	46.3	47.2	53.1	54.9	66.6	85.0	82.2	84.5
MIDDLE ATLANTIC	43.8	47.7	53.2	55.9	59.1	73.2	85.6	91.1	98.6
EAST NORTH CENTRAL	50.5	54.2	59.9	62.7	69.9	81.2	100.9	106.2	114.3
WEST NORTH CENTRAL	51.5	53.6	56.6	61.1	70.2	79.4	87.4	106.5	110.5
SOUTH ATLANTIC	50.3	54.4	58.2	61.8	64.9	79.8	92.6	97.9	106.7
EAST SOUTH CENTRAL	53.3	58.4	65.5	68.2	79.7	87.0	97.5	106.8	114.9
WEST SOUTH CENTRAL	52.8	57.7	61.4	67.9	70.9	85.8	101.6	118.7	124.4
MOUNTAIN	47.4	49.5	54.7	57.5	61.8	73.5	92.6	95.8	91.4
PACIFIC	48.1	50.9	54.8	63.6	64.9	78.6	91.7	92.9	103.1
TYPE OF PRACTICE									
SOLO	45.3	48.5	51.6	56.3	61.3	75.8	88.4	93.4	100.0
NON-SOLO	52.8	55.6	61.1	68.3	69.9	80.7	96.6	104.0	111.3
LOCATION									
NONMETROPOLITAN	46.9	48.5	50.2	56.7	64.8	74.1	87.1	86.9	87.2
METROPOLITAN									
LESS THAN 1,000,000	50.3	53.7	58.8	63.2	67.4	78.8	99.6	103.9	111.0
1,000,000 AND OVER	47.5	51.5	55.6	60.6	63.9	78.8	90.2	98.4	106.3
PHYSICIAN AGE									
LESS THAN 36 YEARS	32.8	40.6	43.7	49.6	49.0	64.3	62.5	73.3	77.0
36-45 YEARS	51.9	57.1	62.9	69.9	70.1	87.5	98.1	108.2	110.2
46-55 YEARS	55.0	58.9	62.3	67.7	76.2	87.1	110.8	116.5	133.6
56-65 YEARS	48.3	49.3	54.1	58.7	65.3	75.9	95.6	99.5	103.1
66 OR MORE YEARS	31.9	34.0	35.0	36.8	44.4	54.9	68.3	64.3	71.9

SOURCE: 1981-83, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1973-79, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING RESULTS FOR 1981-83 WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1981 AND 1982 IN THE LOCATION BREAKDOWN REFLECT CORRRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 39 (CONTINUED). STANDARD ERROR OF MEAN PHYSICIAN NET INCOME AFTER TAXES BEFORE EXPENSES (IN THOUSANDS OF DOLLARS), 1973-75, 1977-79, 1981-83*

	1973	1974	1975	1977	1978	1979	1981**	1982**	1983**
ALL PHYSICIANS	0.40	0.43	0.48	0.57	0.65	0.71	1.53	1.23	1.41
SPECIALTY									
GENERAL/FAMILY PRACTICE	0.70	0.82	0.75	1.05	1.11	1.30	3.34	1.88	1.71
INTERNAL MEDICINE	0.95	0.97	1.12	1.30	1.38	1.57	3.28	2.38	3.24
SURGERY	1.01	1.00	1.24	1.42	1.82	1.67	4.04	3.85	4.24
PEDIATRICS	1.22	1.15	1.57	1.52	1.61	1.54	4.86	2.69	3.58
OBSTETRICS/GYNECOLOGY	1.64	1.78	1.73	2.14	2.16	2.87	9.16	4.69	4.97
RADIOLOGY	1.72	2.17	2.40	2.88	2.90	5.39	4.05	4.39	5.60
PSYCHIATRY	0.90	1.09	1.01	1.28	1.37	2.01	2.54	2.82	2.70
ANESTHESIOLOGY	1.39	1.29	1.65	2.78	2.71	2.62	4.97	4.53	4.48
CENSUS DIVISION									
NEW ENGLAND	1.37	1.51	1.61	1.84	2.08	2.11	7.51	3.42	3.41
MIDDLE ATLANTIC	0.86	0.91	1.17	1.23	1.64	1.83	4.46	3.11	3.88
EAST NORTH CENTRAL	1.04	1.08	1.26	1.39	1.74	1.70	4.58	3.16	4.16
WEST NORTH CENTRAL	1.69	1.76	1.68	2.00	2.58	2.12	3.74	4.88	6.36
SOUTH ATLANTIC	1.01	1.18	1.18	1.48	1.64	1.67	3.19	2.78	3.10
EAST SOUTH CENTRAL	1.92	2.19	2.46	2.71	3.41	4.01	5.56	4.33	5.34
WEST SOUTH CENTRAL	1.36	1.63	2.00	2.33	2.26	2.75	4.11	5.28	4.74
MOUNTAIN	1.65	1.60	1.93	2.31	2.23	2.47	4.74	4.87	4.54
PACIFIC	0.98	1.03	1.00	1.40	1.30	1.70	3.47	2.70	3.02
TYPE OF PRACTICE									
SOLO	0.54	0.61	0.67	0.72	0.92	1.07	2.41	1.91	2.13
NON-SOLO	0.59	0.60	0.68	0.90	0.90	0.95	1.95	1.60	1.89
LOCATION									
NONMETROPOLITAN	1.14	1.14	1.26	1.68	1.70	2.36	2.23	2.87	2.74
METROPOLITAN									
LESS THAN 1,000,000	0.64	0.67	0.76	0.91	1.07	1.05	2.84	1.84	2.09
1,000,000 AND OVER	0.58	0.64	0.70	0.82	0.91	1.05	2.29	1.93	2.24
PHYSICIAN AGE									
LESS THAN 36 YEARS	1.33	1.16	1.44	1.30	1.64	1.59	2.20	2.09	2.30
36-45 YEARS	0.68	0.77	0.87	1.09	1.22	1.37	2.49	2.39	2.21
46-55 YEARS	0.72	0.80	0.91	1.01	1.29	1.47	3.59	2.54	3.54
56-65 YEARS	0.90	0.84	0.93	1.33	1.32	1.47	4.06	2.63	3.27
66 OR MORE YEARS	0.94	1.18	1.13	1.38	1.33	1.71	3.02	3.28	3.30

SOURCE: 1981-83, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1973-79, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING RESULTS FOR 1981-83 WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1981 AND 1982 IN THE LOCATION BREAKDOWN REFLECT CORRRECTIONS OF PREVIOUSLY REPORTED RESULTS.

TABLE 40. MEDIAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1983*

	ALL PHYSICIANS**	SPECIALTY								
		GP/FP	INT MED	SURG	PED	OB/GYN	RAD	PSYCH	ANES	PATH
ALL PHYSICIANS	90.0	63.0	80.0	125.0	61.5	107.0	130.0	72.0	140.0	104.0
CENSUS DIVISION										
NEW ENGLAND	77.0	58.0	69.0	103.0	52.5	105.0	110.0	62.0	96.0	
MIDDLE ATLANTIC	80.0	58.0	70.0	115.0	51.0	93.0	100.0	77.0	127.5	95.0
EAST NORTH CENTRAL	93.0	60.0	83.5	140.0	67.0	122.0	131.5	80.0	125.0	100.0
WEST NORTH CENTRAL	88.0	70.0	99.0	129.5	70.0	.	156.0	80.0	167.0	120.0
SOUTH ATLANTIC	90.0	70.0	86.0	123.0	56.0	104.0	175.0	62.0	143.0	130.0
EAST SOUTH CENTRAL	100.0	71.0	80.0	140.0	104.0	110.0	130.0	.	.	.
WEST SOUTH CENTRAL	106.0	84.0	97.5	150.0	55.0	115.5	130.0	81.0	172.0	100.0
MOUNTAIN	81.5	57.5	57.0	90.0	59.5	85.0	.	.	.	.
PACIFIC	90.0	49.0	85.0	117.0	71.5	116.5	160.0	70.0	140.0	.
TYPE OF PRACTICE										
SOLO	85.0	60.0	78.0	111.0	64.0	100.0	100.0	76.0	139.5	111.0
NON-SOLO	94.0	68.0	85.0	131.0	61.0	111.5	137.5	67.5	140.0	104.0
LOCATION										
NONMETROPOLITAN	79.0	69.0	70.0	112.5	.	143.0	114.0	69.0	.	.
METROPOLITAN										
LESS THAN 1,000,000	95.0	70.0	82.0	127.0	66.5	106.0	137.0	70.0	150.0	117.0
1,000,000 AND OVER	88.0	56.5	83.0	122.0	61.0	100.0	126.5	75.0	135.0	95.0
EMPLOYMENT STATUS										
SELF-EMPLOYED	100.0	68.0	90.0	127.0	70.0	114.0	154.0	76.5	150.0	125.0
EMPLOYEE	70.0	52.5	63.0	100.0	50.0	70.0	82.0	65.0	110.0	77.5
PHYSICIAN AGE										
LESS THAN 36 YEARS	65.0	54.0	60.0	101.0	41.0	65.0	75.5	59.0	120.0	82.0
36-45 YEARS	94.0	70.0	85.0	130.5	62.0	107.0	145.0	73.5	[illegible].0	100.0
46-55 YEARS	112.5	78.0	110.0	147.0	76.0	122.0	150.0	79.0	158.0	130.0
56-65 YEARS	88.0	72.0	80.0	100.0	70.0	114.0	137.0	75.5	123.0	130.0
66 OR MORE YEARS	60.0	41.0	67.5	87.0	55.0	91.0	.	57.5	.	.

SOURCE: 1984 AMA SOCIOECONOMIC SYSTEM CORE SURVEY.

*SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.
**INCLUDES PHYSICIANS IN SPECIALTIES NOT LISTED SEPARATELY.
. INDICATES FEWER THAN TEN OBSERVATIONS.

TABLE 41. MEDIAN PHYSICIAN NET INCOME AFTER EXPENSES BEFORE TAXES (IN THOUSANDS OF DOLLARS), 1973-75, 1977-79, 1981-83*

	1973	1974	1975	1977	1978	1979	1981**	1982**	1983**
ALL PHYSICIANS	45.0	50.0	50.0	56.0	60.0	70.0	78.0	85.0	90.0
SPECIALTY									
GENERAL/FAMILY PRACTICE	40.0	40.5	42.0	48.0	50.0	58.0	60.0	63.0	63.0
INTERNAL MEDICINE	45.0	50.0	52.0	59.0	60.0	70.0	74.5	75.0	80.0
SURGERY	54.0	56.0	60.0	70.0	75.0	86.0	100.0	112.0	125.0
PEDIATRICS	40.0	40.0	42.0	48.0	50.0	58.0	57.0	63.0	61.5
OBSTETRICS/GYNECOLOGY	52.0	58.5	60.0	65.0	69.5	82.0	96.0	110.0	107.0
RADIOLOGY	60.0	60.0	71.0	72.0	79.5	86.0	110.0	127.5	130.0
PSYCHIATRY	37.0	40.0	43.0	46.0	50.0	60.0	63.0	69.0	72.0
ANESTHESIOLOGY	50.0	52.0	54.5	64.0	72.0	84.5	110.0	120.0	140.0
CENSUS DIVISION									
NEW ENGLAND	40.0	43.0	44.0	50.0	50.0	60.0	67.5	72.0	77.0
MIDDLE ATLANTIC	40.0	45.0	48.0	53.0	52.0	62.0	70.0	75.0	80.0
EAST NORTH CENTRAL	47.0	50.0	54.0	60.0	63.0	75.0	84.5	92.0	93.0
WEST NORTH CENTRAL	47.0	50.0	50.0	56.0	64.0	72.0	80.0	91.0	88.0
SOUTH ATLANTIC	48.0	50.0	53.0	56.0	60.0	73.0	78.0	81.5	90.0
EAST SOUTH CENTRAL	50.0	55.0	60.0	67.0	75.0	80.0	84.0	95.0	100.0
WEST SOUTH CENTRAL	50.0	52.0	57.0	61.0	66.0	75.0	87.5	100.0	105.0
MOUNTAIN	45.5	48.5	50.0	54.0	58.0	70.0	80.0	83.0	81.5
PACIFIC	44.0	48.0	50.0	60.0	60.0	70.0	80.0	80.0	90.0
TYPE OF PRACTICE									
SOLO	41.0	45.0	46.0	50.0	55.0	66.0	72.0	79.0	85.0
NON-SOLO	50.0	52.0	57.0	62.0	65.0	75.0	81.0	90.0	94.0
LOCATION									
NONMETROPOLITAN	45.0	45:0	45.0	50.5	60.0	65.0	75.0	77.0	79.0
METROPOLITAN									
LESS THAN 1,000,000	47.0	50.0	53.0	60.0	60.0	72.0	80.0	90.0	95.0
1,000,000 AND OVER	44.0	49.0	50.0	55.0	60.0	70.0	75.0	82.0	88.0
PHYSICIAN AGE									
LESS THAN 36 YEARS	29.0	37.0	40.0	45.0	45.0	57.0	54.0	62.0	65.0
36-45 YEARS	49.0	53.0	60.0	64.0	63.0	80.0	81.0	94.0	94.0
46-55 YEARS	50.0	54.0	59.0	62.0	70.0	80.0	95.0	100.0	112.5
56-65 YEARS	45.0	47.0	50.0	52.0	60.0	69.0	80.0	85.5	88.0
66 OR MORE YEARS	28.0	30.0	30.0	34.0	40.0	50.0	60.0	54.0	60.0

SOURCE: 1981-83, AMA SOCIOECONOMIC MONITORING SYSTEM CORE SURVEYS; 1973-79, AMA PERIODIC SURVEYS OF PHYSICIANS.

*DATA, OTHER THAN IN THE SPECIALTY BREAKDOWN, ARE BASED ON RESPONSES FROM PHYSICIANS IN ALL SPECIALTIES. SEE APPENDIX FOR INFORMATION ON DEFINITIONS AND COMPUTATION PROCEDURES.

**CAUTION SHOULD BE OBSERVED IN COMPARING RESULTS FOR 1981-83 WITH RESULTS FOR PREVIOUS YEARS BECAUSE OF CHANGES IN METHODOLOGY MADE IN THE TRANSITION FROM THE PERIODIC SURVEYS OF PHYSICIANS TO THE SOCIOECONOMIC MONITORING SYSTEM. RESULTS FOR 1981 AND 1982 IN THE LOCATION BREAKDOWN REFLECT CORRRECTIONS OF PREVIOUSLY REPORTED RESULTS.

Appendix A

SMS QUESTIONNAIRE SUMMARY

This summary includes questions contained in the screener and main questionnaire portions of SMS surveys conducted in 1983. These questions were identical in each of the four surveys during the year. In the main questionnaire, only questions applicable to the physician's specialty and type of practice are asked of any individual physician. In addition, the summary includes selected questions from core survey expansions of the main questionnaire and selected special topics questions on which SMS Reports in 1983 and 1984 and information in Socioeconomic Characteristics of Medical Practice 1984 have been based.

Following is a listing of subjects covered in the main questionnaire, the core survey main questionnaire expansion and special topics portions of SMS surveys included in the summary.

MAIN QUESTIONNAIRE

- Practice Activities: Hours and Services Per Week
- Selected Procedures: Number Delivered and Fees
- Hospital Utilization
- Quarterly Income and Expenses

CORE AND SPECIAL TOPICS QUESTIONS

- 1984 Core Survey Questions: Type of Practice, 1983 Income and and Expenses, and Waiting Time
- Health Insurance Coverage
- Medicare Utilization
- Hospital Physician Relations
- Hospital Ownership and Management

Since the entire questionnaire is quite lengthy, some questions are paraphrased in the summary. Parts of questions that are paraphrased are indicated with square brackets. Questions that have been dropped from the main questionnaire during 1983 and those for which information has never been reported are omitted from the summary.

SCREENER

1. Our records indicate that [MASTERFILE SPECIALTY] is the specialty from which you derive most of your medical income?*

   [IF "YES", GO TO Q. 2]

   a. What is your primary medical specialty?

2. During a typical week, do you provide direct patient care for 20 hours a week or more? Direct patient care includes seeing patients, performing surgery, as well as related patient services performed by anesthesiologists, radiologists and pathologists.

3. Are you currently a full-time, salaried employee of a federal agency such as the U.S. Public Health Service, Veteran's Administration or a military service?

MAIN QUESTIONNAIRE

PRACTICE ACTIVITIES: HOURS AND SERVICES PER WEEK

The next few questions are about the number of hours you spent working at several medical and administrative activities during your most recent complete week of practice. Do not include hours spent on call if you were not actually working.

All specialties except psychiatry, radiology, anesthesiology and pathology

4. During [your last complete week of practice], how many hours did you spend. . .
   a. In the office seeing patients? Please include time spent in all offices if practice includes multiple offices.
   b. In the operating, labor or delivery room? Please include waiting time before surgery.
   c. Making hospital rounds, including visits to newborn infants?
   d. In the hospital emergency room and in outpatient clinics?
   e. On house calls and with patients in nursing homes, convalescent homes or other extended care facilities?
   f. Having telephone conversations with patients or their families, consulting with other physicians and providing other services to patients such as interpreting lab tests and X-rays? Do not include time reported in other activities.
   g. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care? These activities include medical staff functions, supervising residents and interns, teaching, lecturing, professional reading, writing and research.

* MASTERFILE SPECIALTY is from information obtained from the AMA Physician Masterfile while selecting the sample.

5. Altogether, during that week, that amounts to [TOTAL HOURS] spent working at medical and administrative activities. Is that correct?*

6. During [your last complete week of practice], how many. . .
   a. Patients did you personally see in the office, including outpatient surgery performed in the office?
      1. How many of these patients were new patients?
   b. Operations, deliveries and assists did you perform in the hospital?
   c. In-patient visits did you make on hospital rounds? Please count as one visit every time you saw a patient.
   d. Patients did you see in the emergency room and in outpatient clinics?
   e. Patients did you see on house calls or in nursing homes, convalescent homes or extended care facilities?

Psychiatry

7. During [your last complete week of practice], how many hours did you spend. . .
   a. Seeing individuals patients in the office and in all other settings including housecalls.
   b. Seeing non-family groups in the office and in all other settings including housecalls.
   c. Seeing family groups in the office and in all other settings including housecalls.
   d. Supervising psychiatric treatment teams, consulting with other physicians and providing other services to patients, such as interpreting lab tests and X-rays? Do not include time reported in other activities.
   e. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care? These activities include medical staff functions, supervising residents and interns, teaching, lecturing, professional reading, writing and research.

8. Altogether, during that week, that amounts to [TOTAL HOURS] spent working at medical and administrative activities. Is that correct?**

9. During [your last complete week of practice], how many . . .
   a. Sessions did you have with individual patients in all settings?
   b. Sessions did you have with non-family groups?
   c. Sessions did you have with family groups?

---

* TOTAL HOURS is computed as the sum of responses to individual parts of Question 4. If the physician answers "no" to Question 5, then Question 4 is repeated.

** TOTAL HOURS is computed as the sum of responses to individual parts of Question 7. If the physician answers "no" to Question 8, then Question 7 is repeated.

Radiology

10. During [your last complete week of practice], how many hours did you spend. . .
    a. Reading films, including time spent preparing reports on films read?
    b. Personally performing radiodiagnostic procedures?
    c. Personally providing radiotherapy to patients?
    d. In consultation with other physicians?
    e. Supervising technicians and other paraprofessionals?
    f. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care? These activities include medical staff functions, supervising residents and interns, teaching, lecturing, professional reading, writing and research.

11. Altogether, during that week, that amounts to [TOTAL HOURS] spent working at medical and administrative activities. Is that correct?*

12. During [your last complete week of practice], how many. . .
    a. Films did you read in a typical full hour spent reading films?
    b. Radiodiagnostic procedures did you personally perform?
    c. Patients did you personally provide with radiotherapy?
    d. Consultations did you have with other physicians?

Anesthesiology

13. During [your last complete week of practice], how many hours did you spend. . .
    a. Personally anesthetizing patients including waiting time before surgery.
    b. Supervising nurse anesthetists?
    c. Making pre-anesthesia visits, including histories and examinations?
    d. Managing patients in intensive care units?
    e. Consulting with other physicians about their patients and providing any other services to patients, such as interpreting lab tests and X-rays?
    f. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care? These activities include medical staff functions, supervising residents and interns, teaching, lecturing, professional reading, writing and research.

14. Altogether, during that week, that amounts to [TOTAL HOURS] spent working at medical and administrative activities. Is that correct?**

*TOTAL HOURS is computed as the sum of responses to individual parts of Question 10. If the physician answers "no" to Question 11, then Question 10 is repeated.

**TOTAL HOURS is computed as the sum of responses to individual parts of Question 13. If the physician answers "no" to Question 14, then Question 13 is repeated.

15. During your last complete week of practice, how many...
    a. Patients did you personally anesthetize?
    b. Patients were anesthetized by nurse anesthetists under your supervision?
    c. Pre-anesthesia inpatient visits did you make?

Pathology

16. During [your last complete week of practice], how many hours did you spend. . .
    a. In consultations during surgery, including time spent interpreting frozen sections?
    b. Examining surgical specimens other than consultations during surgery?
    c. Doing autopsies, including time to complete the study and write the report?
    d. Personally performing non-surgical laboratory procedures, including time to write any reports?
    e. Supervising technicians and paraprofessionals?
    f. In administrative activities connected with your practice and other medical facilities, as well as any other professional activities that did not involve patient care? These activities include medical staff functions, supervising residents and interns, teaching, lecturing, professional reading, writing and research.

17. Altogether, during that week, that amounts to [TOTAL HOURS] spent working at medical and administrative activities. Is that correct?*

18. During [your last complete week of practice], how many. . .
    a. Consultations during surgery did you perform?
    b. Surgical specimens did you examine other than frozen sections examined during surgical consultations?
    c. Autopsies did you personally perform?
    d. Non-surgical laboratory procedures did you personally perform?

SELECTED PROCEDURES: NUMBER DELIVERED AND FEES

All specialties except ophthalmology, psychiatry, radiology, anesthesiology and pathology

19. Does your practice provide at least some medical care on a fee-for-service basis? [IF "NO", GO TO HOSPITAL UTILIZATION QUESTIONS]

20. What is your current usual fee for. . .
    a. An office visit with a new patient including an evaluation history, examination and/or treatment?

*TOTAL HOURS is computed as the sum of responses to individual parts of Question 16. If the physician answers "no" to Question 17, then Question 16 is repeated.

b. An office visit with an established patient including an examination, evaluation and/or treatment for an established patient with the same or new illness.
c. A follow-up medical visit in the hospital, when you charge a separate fee for hospital visits? This visit includes an examination, evaluation and/or treatment with a new or established patient, same illness.

21. During your most recent week of practice, about what percentage of your inpatient visits were included in the fee for surgical or obstetrical procedures?

Ophthalmology

22. What is your current usual fee for...
    a. An office visit with a new patient to initiate an ophthalmological diagnostic and treatment program?
    b. An office visit with an established patient to initiate or continue an ophthalmological diagnostic and treatment program?
    c. A follow-up medical visit in the hospital, when you charge a separate fee for hospital visits? This visit includes an examination, evaluation and/or treatment with a new or established patient, same illness.

23. During your most recent complete week of practice, about what percentage of your inpatient visits were included in the fee for surgical procedures?

All specialties except pediatrics, ophthalmology, psychiatry, radiology, anesthesiology and pathology

24. During the last month, did you perform a periodic or annual type of exam with an adult established patient?*
    a. How many of these exams did you perform during that month?
    b. What is your current usual fee for that exam, excluding any lab or x-ray charges?

Pediatrics

25. During the last month, did you perform a periodic or annual type of exam with an established patient in early childhood?*
    a. How many of these exams did you perform during that month?
    b. What is your current usual fee for that exam, excluding any lab or x-ray charges?

26. During the last month, did you provide routine newborn care in the hospital, including physician examination of the baby and discussions with the mother during the hospital stay?*
    a. How many of these examinations did you perform during that month?
    b. What is your current usual fee for the examination, excluding any lab or x-ray charges?

*Parts a and b of the question are asked only if the response is "yes".

General/Family Practice and General Surgery

27. During the last month, did you perform an appendectomy?*
    a. How many appendectomies did you perform?
    b. What is your current usual fee for that procedure?

General/Family Practice and Obstetrics/Gynecology

28. During the last month, did you perform any vaginal deliveries which included antepartum and postpartum care?*
    a. How many of these deliveries did you perform during the last month?
    b. What is your current usual fee for complete obstetrical care leading to a vaginal delivery including antepartum care, vaginal delivery and postpartum care?

General Surgery

29. During the last month, did you perform a single inguinal hernia repair on a person age 5 or older?*
    a. How many of these procedures did you perform during that month?
    b. What is your current usual fee for that procedure?

30. During the last month, did you perform a cholecystectomy?*
    a. How many of these procedures did you perform during that month?
    b. What is your current usual fee for that procedure?

HOSPITAL UTILIZATION

All specialties except radiology, anesthesiology and pathology

31. In your last complete week of practice, how many patients did you personally discharge from the hospital?

32. Among those patients that you discharged in that week, what was the average length of stay in days in the hospital?

QUARTERLY INCOME AND EXPENSES

Solo, self-employed physicians only

33. In the [last calendar quarter] what were your total tax-deductible professional expenses from medical practice to the nearest $1,000?

Non-solo, self-employed physicians only

34. In the [last calendar quarter], what was your share of your practice's total tax-deductible professional expenses to the nearest $1,000?

*Parts a and b of the question are asked only if the response is "yes".

a. Did you have any other tax-deductible professional expenses during this period that were not included in the amount you just gave?
b. What were these other professional expenses to the nearest $1,000?

All physicians

35. During the [last calendar quarter], what was your own income from medical practice to the nearest $1,000 after expenses but before taxes? Please include all income from fees, salaries, retainers, fringe benefits and other forms of compensation.

36. Were any contributions made into pension, profit sharing or other deferred compensation plans for you during the last calendar quarter]?*
    a. How much was contributed for you for the period to the nearest $1,000?
    b. Did you include (this amount/deferred compensation) in the income figure you gave?

37. During the [last calendar quarter], how many weeks of practice did you miss because of illness, vacation or for any other reason?

CORE AND SPECIAL TOPICS QUESTIONS

1984 CORE SURVEY QUESTIONS
Type of Practice

38. Whether or not your practice is incorporated, are you a full or part-owner of your main medical practice? [IF YES, GO TO Q.39]
    a. Are you an employed by a hospital? [IF YES, GO TO Q.41]
    b. Are you employed by a government agency or by a medical facility owned and operated by a government agency? [IF YES, GO TO Q.41]

39. Which of the following legal forms of organization best describe your main medical practice?
    a. Sole proprietorship
    b. Partnership
    c. Professional corporation
    d. Investor-owned for-profit organization
    e. Other

40. Including yourself, how many physicians are in your main practice?
    a. How many of these physicians are part owners of the practice?
    b. Are all of these physicians in the same specialty or are they in different specialties?

*Parts a and b of the question are asked only if the response is "yes".

41. In what year did you begin medical practice after completing your undergraduate and graduate medical training?

Waiting Time

All specialties except radiology, anesthesiology and pathology

42. How many days does a new patient wishing to see you typically have to wait for an appointment?

43. On average, how many minutes does a patient typically have to wait to see you after arriving for a scheduled appointment?

1983 Income and Expenses

Self-employed physicians only

44. In 1983, what (were your/was your share of your practice's) total tax-deductible professional expenses for the following items to the nearest $1,000?*
    a. Total nonphysician payroll expenses including fringe benefits.
    b. Professional medical liability insurance premiums.
    c. Depreciation, leases and rent on medical equipment.
    d. Office expenses, including rent or mortgage for office space, utilities and telephone.
    e. Medical materials and supplies, such as drugs, x-ray films and expenses for outside lab work, drugs and other services.
    f. Any other professional expenses, including professional car upkeep and depreciation, professional association memberships, professional journals and continuing education.

45. Altogether then, your tax deductible expenses from medical practice in 1983 were [TOTAL EXPENSES]. Is that correct?**

All physicians

46. During 1983, what was your own net income from medical practice to the nearest $1,000 after expenses but before taxes? Please include all income from fees, salaries, retainers, fringe benefits and other forms of compensation.

47. Were any contributions made into pension, profit-sharing or deferred compensation plans for you during 1983?
    [IF "NO", GO TO Q.48]
    a. How much was contributed for you to the nearest $1,000?
    b. Did you include this amount in the income figure you gave me?

---

*First wording in parentheses is used for physicians in solo practice; second wording is used for physicians in non-solo practice.

**TOTAL EXPENSES is computed as the sum of responses to individual parts of Question 44. If the physician answers "no" to Question 45 then Question 44 is repeated.

48. Is your main source of income from medical practice a straight salary?

49. How many weeks did you practice in 1983? Please do not include vacations, illness, medical meetings, military service or other similar absences from practice.

SPECIAL TOPICS QUESTIONS

Hospital Physician Relationships
(2nd Quarter 1983 Core Survey)

50. Do you provide any direct or indirect patient care in a hospital?
[IF "NO", GO TO Q.55]

51. Which of the following types of organizations control the hospital?
a. A federal government agency or department.
b. A non-federal government agency or department.
c. A non-government not-for-profit organization.
d. A for-profit investor owned company.

52. Does the hospital have a management contract with a for-profit investor-owned company?

53. How many beds does the hospital have?

54. How many hours did you spend providing direct or indirect patient care services at the hospital in the most recent week of practice?

55. Do you provide patient services at free standing primary care or emergency center that is operated either by a hospital or by a chain with centers operating under the same name?
[IF "NO", GO TO Q.56]
a. How many hours did you spend providing direct or indirect patient care service at this center during your most recent week of practice?
b. Is the center operated by...
1. a for-profit hospital?
2. a chain owned predominantly by physicians?
3. a chain owned predominantly by nonphysician investors?
4. or other?

56. Are there any of these free standing primary care or emergency centers in the area where you practice?

Health Insurance Coverage
(2nd Quarter 1983 Core Survey)

57. Please estimate the percentage for which each of the following plans is the principal third-party payor for the services you render.*
    a. Medicare
    b. Medicaid or MediCal
    c. Blue Cross/Blue Shield
    d. HMO or IPA plan
    e. All other private insurance plans

58. What percent of all of the third-party payments for your services are paid according to the usual, customary and reasonable charge method or by a similar method relating the payment to your usual charge?

59. What percent of all third-party payments for your services are paid in the form of indemnity payments?

60. What percentage of your charge for an office visit with an established patient is allowed...
    a. when you bill Medicare directly?
    b. when you bill Medicaid or MediCal directly?
    c. when you bill Blue Shield directly?

61. Do you have a "participating agreement" with Blue Shield?

62. Do you have a contract with a preferred provider organization or PPO?

63. For what percent of the services you provide Medicare patients do you accept assignment?

Medicare Utilization**
(4th Quarter 1983 Survey)

<u>All Specialties except psychiatry, radiology, anesthesiology, and pathology</u>

64. During your last complete week of practice, how many...
    a. Medicare patients did you personally see in the office?
    b. operations and assists did you perform on Medicare patients in the hospital?
    c. in-patient visits with Medicare patients did you make on hospital rounds?
    d. visits did you make with Medicare patients in emergency rooms and outpatient clinics?
    e. visits with Medicare patients on housecalls, or in nursing homes, convalescent homes, or other extended care facilities?

*If the sum of the responses to Question 57 was not equal to 100, the question was repeated.

**These questions were included in the main questionnaire as part of the utilization questions for the 4th Quarter 1983 survey only.

65. How many Medicare patients did you personally discharge from the hospital in your last complete week of practice?

[IF MORE THAN 0, GO TO Q.66]

66. For the Medicare patients you discharged, what was the average length of stay in the hospital in days?

Hospital Ownership and Management
(1st Quarter 1984 Survey)

67. Do you have admitting privileges at any hospitals?

[IF "NO", GO TO Q.68]

a. At how many hospitals? [IF "1", GO TO Q.67c]
b. In the last year, what percent of the time that you spent in hospitals was spent at the hospital at which you provide the most patient care services?
c. Which of the following types of organizations control this hospital?
   1. a federal government agency or department;
   2. a state, county, or city government agency;
   3. a non-government not-for-profit organization; or
   4. a for-profit investor-owned company?

[GO TO Q.69]

68. Do you have medical staff privileges at any hospitals?
a. At how many hospitals? [IF "1", GO TO Q.68c]
b. In the last year, what percent of the time that you spent in hospitals was spent at the hospital at which you provide the most patient care services?
c. Which of the following types of organizations control this hospital?
   1. a federal government agency or department;
   2. a state, county, or city government agency;
   3. a non-government not-for-profit organization; or
   4. a for-profit investor-owned company?

69. Is this hospital part of a multi-hospital system?

70. Does this hospital have a management contract with a for-profit investor-owned company?*

71. Does this hospital require you to have professional liability insurance in order to provide patient services there?**
a. Is a specific level of coverage required?

[IF RADIOLOGIST, ANESTHESIOLOGIST, OR PATHOLOGIST, GO TO Q.74]

72. During your most recent complete week of practice, how many patients did you discharge from this particular hospital?

*Asked only if the physician's primary hospital is not controlled by a for-profit organization.
**Part a of the question is asked only if the response is "yes".

73. Among these patients discharged from this hospital in that week, what was the average length of stay in days?

74. Over the last several years, many hospitals have attempted to develop special programs designed to contain costs.
    a. Does the hospital at which you provide the most patient care services set guidelines for physicians that are intended to reduce the average length of patient stay?*
        1. Was this program instituted in the last year or before that?
    b. Does this hospital review average length of patient stay <u>after</u> a discharge?*
        1. Was this program instituted in the last year or before that?
    c. Does this hospital have any formal programs that are intended to review physicians' clinical decisions?*
        1. Was this program instituted in the last year or before that?

[IF "NO", GO TO Q.76]

75. Has this hospital. . .
    a. attempted to reduce the number of diagnostic tests ordered for each patient?
    b. attempted to reduce the number of treatment procedures each patient receives?
    c. reduced the range of services it provides to its patients?

76. Do you have a financial contract or agreement, oral or written, with this hospital for your services, including lease agreements, salaries and any other type of financial contracts or agreements?**

[IF "NO", GO TO Q.79]

77. Hospitals have various types of compensation arrangements with physicians. Under your arrangement with the hospital at which you provide the most patient care services, is your main source of compensation from:
    a. a salary?
    b. a percentage of gross department billings?
    c. a percentage of net department revenues?
    d. a fee-for-service?
    e. from a fixed percentage of each hospital charge? or
    f. some other method of compensation?

78. Does your arrangement with this hospital include a lease agreement, whereby you or your practice compensates the hospital for use of its facilities or services (such as space, equipment and personnel)?**

*Part 1 of the question is asked only if the response is "yes".
**Asked only if the physician is not an employee of a hospital in his/her primary practice.

Physicians with multiple hospital affiliations only

79. Are any of the other hospitals at which you provide patient care services controlled by. . .
    a. a for-profit investor owned company?*
    b. a not-for-profit or government organization?**
    c. a non-government organization?*** [IF "YES", GO TO Q.80d]
    d. a for-profit investor-owned company?***

*Asked only if the physician's primary hospital is controlled by a non-government not-for-profit organization.

**Asked only if the physician's primary hospital is controlled by a for-profit organization.

***Asked only if the physician's primary hospital is controlled by a federal, state or local government agency.

Appendix B

DEFINITIONS AND COMPUTATION PROCEDURES

This appendix describes definitions and computation procedures used in reporting information from the AMA Socioeconomic Monitoring System (SMS). Changes in methodology over time relating to specific types of information for which trends are reported in the detailed tabulations in Socioeconomic Characteristics of Medical Practice (the "Gray Book") are also discussed. Most of these changes in methodology relate to differences between SMS surveys and the AMA Periodic Surveys of Physicians (PSPs) on which data for years prior to 1981 is based. These changes should be carefully noted in making comparisons of data for years prior to and since 1981.

Questions from SMS surveys referenced in this appendix are found in Appendix A. Tables referred to are those contained in the Gray Book detailed tabulations.

Sample Population

The population from which samples are drawn for SMS surveys includes all active non-federal office-based and hospital-based physicians as defined by the AMA Physician Masterfile.* The population from which samples were drawn for the PSPs differed by the exclusion of hospital-based physicians. This difference should be recognized in any comparison between data in the PSPs and SMS surveys.

Specialty

Specialty classifications used in reporting SMS data are shown in Figure 1. Specialty is determined from responses to Question 1 in SMS surveys. The question used in PSPs from 1973 through 1980 to determine specialty was as follows: "Please give the specialty from which you derived 50% or more of your medical income in [the last year]."

Census Region and Division

States included in each Census region and division are shown in Figure 2. The state in which each physician was located is identified from the AMA Physician Masterfile.

*Classifications used in the AMA Physician Masterfile are defined in M. Eiler, Physician Characteristics and Distribution, 1982 Edition (American Medical Association, 1983).

FIGURE 1

SMS Survey Specialty Classifications

SMS SPECIALTY CLASSIFICATION	AMA PHYSICIAN MASTERFILE SPEICALTIES
General/Family Practice	
General/Family Practice	General Practice, Family Practice
Medical Specialties	
Internal Medicine	Allergy, Cardiovascular Diseases, Gastroenterology, Internal Medicine, Pulmonary Diseases
Pediatrics:	Pediatrics, Pediatric Allergy, Pediatric Cardiology
Surgical Specialties	
Surgery:	General Surgery, Neurosurgery, Ophthalmology, Orthopedic Surgery, Plastic Surgery, Colon and Rectal Surgery, Thoracic Surgery, Urology
Obstetrics/Gynecology:	Obstetrics and Gynecology
Other Specialties	
Radiology:	Radiology, Diagnostic Radiology, Therapeutic Radiology
Psychiatry:	Psychiatry, Child Psychiatry
Anesthesiology:	Anesthesiology
Pathology:	Forensic Patholcgy, Pathology
Other:	Aerospace Medicine, Neurology, Occupational Medicine, Physical Medicine and Rehabilitation, General Preventive Medicine, Public Health, Dermatology, Emergency Medicine, Other Specialty, Unspecified.

FIGURE 2

Census Region and Division Definitions

CENSUS REGION AND DIVISION	STATES
Northeast	
New England:	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
Middle Atlantic:	New Jersey, New York, Pennsylvania
North Central	
East North Central:	Illinois, Indiana, Michigan, Ohio, Wisconsin
West North Central:	Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota
South	
South Atlantic:	Delaware, District of Columbia, Florida, Georgia, Maryland. North Carolina, South Carolina, Virginia, West Virginia
East South Central:	Alabama, Kentucky, Mississippi, Tennessee
West South Central:	Arkansas, Louisiana, Oklahoma, Texas
West	
Mountain:	Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, Wyoming
Pacific:	Alaska, California, Hawaii, Oregon, Washington

Type of Practice

Physicians in solo and non-solo practices are distinguished in SMS surveys on the basis of responses to questions such as Question 40. Questions similar to Question 40 in the SMS surveys were included in each of the PSPs.

Location

The location classification groups physicians into nonmetropolitan areas, metropolitan areas with a population less than one million persons and metropolitan areas with a population of one million or more persons. This classification was made on the basis of the demographic county classification contained on the AMA Physician Masterfile.

Employment Status

Employment status is determined for 1983 SMS surveys from responses to Question 38. The wording of this question was changed in the 4th quarter of 1982 in response to the observation made while monitoring telephone interviews that some physicians who were whole or part owners of an incorporated practice were identifying themselves as employees. In the 1st through 3rd quarter 1982 SMS surveys, the following question was used in place of Question 38: "In your main medical practice, are you: a) self-employed; b) employed by a private practice; c) employed by a hospital; or d) other?" The PSPs provided no basis from which to ascertain employment status.

Age

The age of each physician in PSP and SMS surveys was determined from birthdate information on the AMA Physician Masterfile.

Weeks Practiced per Year (Tables 1 and 2)

Data on weeks practiced in 1983 is based on responses to Question 49 in the 1984 SMS core survey. Similar questions in the SMS core surveys for 1982 and 1983 provided information on weeks practiced in 1981 and 1982, respectively. Similar questions in the PSPs provided information on weeks practiced for years prior to 1981.

Hours in Professional Activities per Week (Table 3)

Professional activities includes all patient care activities, administrative activities connected with medical practice and other professional activities that do not involve patient care such as medical staff functions, teaching and research. Hours per week in professional activities in 1983 is based on "TOTAL HOURS" as calculated for purposes of Question 5, 8, 11, 14, or 17 (depending on physician specialty) in the SMS surveys.

Hours in Patient Care Activities per Week (Tables 4 and 5)

Patient care activities include direct patient care and activities related to patient care, such as interpreting lab tests and x-rays and consulting with other physicians. Hours per week in patient care activities in 1982 and 1983 is based on the sum of the responses to parts a-f of Question 4, parts a-d of Question 7, parts a-e of Question 10, parts a-e of Question 13, or parts a-e of Question 16 (depending on physician specialty) in the SMS surveys. Hours per week in patient care activities for 1973 through 1980 was determined from responses to the second of the following questions included in the PSPs:

1. How many total hours did you practice during your most recent complete week of practice (exclude "on call" hours not actually worked)?

2. How many of these hours were spent in providing DIRECT patient care or patient related services (include patients' lab tests, interpreting x-rays, etc; exclude administrative tasks, meetings, etc.)?

Hours in patient care activities for 1973 through 1980, as defined here, was previously termed hours in direct patient care in the Profile of Medical Practice series published by the AMA.

Hours in Direct Patient Care Activities per Week (Table 6)

Direct patient care activities include seeing patients in the office, on hospital rounds, in surgery and in other settings. Hours per week in direct patient care activities in 1983 was determined for all specialties except psychiatry, radiology, anesthesiology and pathology from SMS surveys from the sum of responses to parts a-e of Question 4. Since a different classification of patient care activities was asked about in SMS surveys among physicians in psychiatry, radiology, anesthesiology, and pathology (as reflected by Questions 7-18), physicians in these specialties are not reflected in computations of direct patient care hours in Table 6 is based.

Office Hours and Hours on Hospital Rounds per Week (Tables 7-10)

Office hours and hours on hospital rounds per week in 1982 and 1983 are based on responses to Questions 4a and 4c respectively in the SMS surveys. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked Questions 4a and 4c and are, therefore, not reflected in the data on office hours and hours in hospital rounds in 1982 and 1983 reported in Tables 7-10. Data on office hours and hours on hospital rounds for years prior to 1982 included in Tables 8 and 10 are based on PSP surveys. The questions used to collect this information in the PSPs were similar to those in the SMS surveys. Although questions on office hours and hours on hospital rounds were asked of physicians in all specialties in the PSPs, responses from physicians in psychiatry, radiology, anesthesiology, and pathology were excluded in computations

made for Tables 8 and 10 to make data for years prior to 1982 comparable to the data for 1982 and after from the SMS surveys. The specialty exclusions account for differences in data for years prior to 1982 in Tables 8 and 10, other than for individual specialties, from data previously reported in the Profile of Medical Practice series.

Hours in Surgery per Week (Table 11)

Hours in surgery per week in 1983 is based on responses to Question 4b in the SMS surveys. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked Question 4b and are, therefore, not reflected in the data on hours in surgery per week reported in Table 11.

Total Patient Visits per Week (Tables 12 and 13)

Total patient visits includes visits in the office, on hospital rounds, in hospital emergency rooms and outpatient clinics and in all other settings. Total patient visits per week in 1982 and 1983 is based on the sum of responses to parts a, c, d, and e of Question 6 in the SMS surveys. Physicians in psychiatry, radiology, anesthesiology, and pathology were not asked Question 6 and are, therefore, not reflected in the data for 1982 and 1983 in Tables 12 and 13. Questions from the PSPs on which data on total patient visits per week for years 1975 through 1980 are as follows:

1975

Please indicate the number of patient visits in the following categories for your most recent complete week of practice:

a. Office
b. Hospital (inpatient only)
c. Nursing home
d. Emergency room
e. Other

1976, 1978, 1979

How many patient visits did you have during your most recent complete week of practice. . .

a. at the office?
b. at the hospital?
c. at all other services (or facilities)?

1980

How many total patient visits did you have during your most complete week of practice (include all patient contacts other than telephone).

Although questions on visits were asked of physicians in all specialties in the PSPs, responses from physicians in psychiatry, radiology, anesthesiology and pathology were excluded in computations made for Table 13 to make data for 1975 through 1980 comparable to the data for 1982 and after

from the SMS surveys. The specialty exclusions account for differences in data for years prior to 1982 in Table 13, other than for individual specialties, from data previously reported in the Profiles of Medical Practice series.

Office Visits and Visits on Hospital Rounds per Week (Tables 14-17)

Office visits and visits on hospital rounds per week in 1982 and after are based on responses to Questions 6a and 6c respectively in the SMS surveys. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked Questions 6a and 6c and are, therefore, not reflected in the data in Tables 14-17. Data on office visits and visits on hospital rounds for years prior to 1982 included in Tables 15 and 17 are based on PSP surveys. The questions used to collect this information in the PSPs were similar to those in the SMS surveys. Although questions on office visits and visits on hospital rounds were asked of physicians in all specialties in the PSPs, responses from physicians in psychiatry, radiology, anesthesiology and pathology were excluded in computing Tables 15 and 17 to make data for years prior to 1982 comparable to the data for 1982 and after from the SMS surveys. The specialty exclusions account for differences in data for years prior to 1982 in Tables 15 and 17, other than for individual specialties, from data previously reported in the Profile of Medical Practice series.

Surgical Procedures per Week (Table 18)

Surgical procedures per week in 1983 is based on responses to Question 6b in the SMS surveys. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked Question 6b and are, therefore, not reflected in the data on surgical procedures per week reported in Table 18.

Patient Care Activities: Psychiatry (Table 19)

Hours and the number of sessions with individual patients per week in 1983 are respectively based on the responses to Question 7a and Question 9a in the SMS surveys. Hours and the number of sessions with family and non-family groups per week in 1982 are respectively based on the sume of the responses to Question 7b and 7c and the sum of responses to Questions 9b and 9c in the SMS surveys.

Patient Care Activities: Radiology (Table 20)

Data on patient care activities of radiologists in 1983 in the columns from left to right in Table 20 are respectively based on responses to Questions 10a, 10b, 12b, 10c, 12c, 10d and 12d in the SMS surveys.

Patient Care Activities: Anesthesiology (Table 21)

Hours spent personally anesthetizing patients and the number of patients personally anesthetized per week in 1983 are respectively based on responses to Questions 13a and 15a in the SMS surveys. Hours spent supervising nurse anesthetists per week is based on responses to Question 13b in the SMS surveys. The number of patients anesthetized by nurse anesthetists supervised by each anesthesiologist supervision is based on responses to Question 15b in the SMS surveys. Hours and the number of pre-anesthesia and other inpatient visits per week are respectively based on the responses to Question 13c and to Question 15c in the SMS surveys.

Patient Care Activities: Pathology (Table 23)

Data on patient care activities of pathologists in 1983 in the columns from left to right in Table 23 are respectively based on responses to Questions 16a, 18a, 16b, 18b, 16d, 18d, 16c, and 18c in the SMS surveys.

Waiting Time (Tables 24 and 25)

Data on waiting time to be scheduled for an appointment and waiting time in the physician's office after arriving for a scheduled appointment in 1983 are based on responses to Questions 42 and 43 respectively in the 1983 SMS core survey. Physicians in radiology, anesthesiology and pathology were not asked Questions 42 and 43 and are, therefore, not reflected in the data on waiting time in tables 24 and 25.

Hospital Utilization (Tables 25 and 26)

Data on patients discharged from the hospital per week and the length of stay of patients discharged in 1983 are based on responses to Question 31 and 32 in the SMS surveys. Physicians in radiology, anesthesiology and pathology were not asked Questions 31 and 32 and are, therefore, not reflected in the data on hospital utilization in Tables 25 and 26.

Fees (Tables 27-32)

Fees for office visits with new patients, office visits with established patients and follow-up hospital visits in 1982 and 1983 were obtained in SMS surveys from responses to Questions 20a, 20b, and 20c respectively or from responses to Questions 22a, 22b, and 22c respectively depending on physician specialty. In computing means and their standard errors for fees for each type of visit for 1982 and after, the fee reported by each physician is weighted by the frequency with which the physician has that type of visit.* The frequency of new patient office visits is determined from responses to Question 6a1 in the SMS surveys.

*Formulas for these means and standard errors are given in the section on computation procedures later in this appendix.

The frequency of office visits with established patients used in weighting fees for this type of visit is based on the response to Question 6a less the response to Question 6a1 and, if applicable for the specialty less the number of periodic or annual type exams per week based on the response to Question 26a or 27a divided by 3.9 (3.9, the average number of weeks practiced per month in 1983 based on responses to Question 49 in the 1984 core survey, is used to convert the monthly data on the number of periodic exams to a weekly basis). The frequency of hospital visits used in weighting fees for these visits is designed to exclude hospital visits included in fees for surgical or obstetrical procedures. Thus, the weight is based on responses to Question 6c less the number of hospital visits for which the fee is included in fees for surgical or obstetrical procedures as implied by responses to Questions 21 and 23. Physicians in psychiatry, radiology, anesthesiology and pathology were not asked questions on fees for the types of visits reflected in Tables 27-32 in the SMS surveys and are, therefore, not reflected in the data in those tables.

Data on fees for years prior to 1982 in Tables 28, 30 and 32 is based only on the following questions from the PSPs:

> For each of the following procedures, indicate the number of times you perform the procedure during a typical complete week of practice and the current usual fee you charge for the procedure.
>
> a. Office visit, new patient, brief evaluation, history, examination and/or treatment.
>
> b. Office visit, established patient, brief examination, evaluation and/or treatment, same or new illness.
>
> c. Hospital visit, new or established patient brief examination, evaluation and/or treatment, same illness.

Although these questions were asked of physicians in all specialties in the PSPs, responses from physicians in psychiatry, radiology, anesthesiology and pathology were excluded from the computations made for Tables 28, 30 and 32 to make data for years prior to 1982 comparable to data for 1982 and after from the SMS surveys. The specialty exclusions account for differences in data for years prior to 1982 in Tables 28, 30 and 32, other than for individual specialties, from data previously reported in the Profiles of Medical Practice series.*

Professional Expenses (Table 33-37)

Professional expense information reported in Tables 33-37 refers to tax-deductible professional expenses from medical practice. Data on total professional expenses for 1983 is based on "TOTAL EXPENSES" as calculated for purposes of Question 45 in the 1984 SMS core survey. Individual expense components for 1983 reported in Table 37 are based on responses to

*No weights were used in computing means and their standard errors for fees for years prior to 1982 since the data necessary was not available from the PSPs for this purpose.

parts a-e of Question 44 from the 1984 SMS core survey. Data on professional expenses for 1981 and 1982 in Tables 34 and 36 are based on responses to similar questions from the 1982 and 1983 SMS core surveys. Data on professional expenses for years prior to 1981 reported in Tables 34 and 36 are based on responses to the following questions from the PSPs:

1973-75, 1977

What were your total professional expenses in [YEAR] to the nearest $1,000? (Include only those expenses that are allowable business deductions for Federal income tax purposes. If in practice with other physicians, give only your share of the practice's expenses.)

1978-1979

What were your total tax-deductible professional expenses in [YEAR]? (If you shared expenses with other physicians, indicate your share only.)

While data relating to professional expenses for 1981 and after from the SMS surveys are based on only self-employed physicians, professional expense information for years prior to 1981 was obtained from all physicians responding to the PSPs. Note, however, that hospital-based physicians were not included in PSP samples.

Net Income After Expenses Before Taxes (Tables 38-41)

Physician net income is defined to include all earnings from medical practice after expenses but before taxes, including fringe benefits and contributions made into deferred compensation plans. Net income in 1983 was determined in the 1984 SMS core survey from responses to Question 46. In addition, Question 47 was included as a probe to ensure that deferred compensation plan contributions were fully represented in net income. If the physician responded "no" to Question 47b, the response given to Question 47 was added to the response to Question 46 to obtain net income. Similar questions in the 1982 and 1983 SMS core surveys were used to obtain information on net income for 1981 and 1982, respectively. The questions used in PSPs used to obtain net income information for years prior to 1981 included in Tables 39 and 41 were as follows:

1973

What was your individual net medical practice income before taxes in 1973 to the nearest $1,000 (your 1973 gross income minus your tax-deductible professional expenses)?

1974-75, 1977-1978

What was your [YEAR] individual before tax net income from medical practice to the nearest $1,000?

1979

What was your 1979 individual net income before taxes from medical practice? (Include all income from fees, salaries, retainers, etc., as well as the value of all fringe benefits paid on your behalf, e.g., Keogh Plan.)

Computation Procedures

Means (or averages) for all characteristics, except for 1983 fees, reported in the Gray Book and SMS Reports are estimated by simple averages of responses to the relevant questions in the PSPs and SMS surveys. Thus, if x_i represents the response from physician i concerning a particular characteristic and n physicians responded to the relevant survey question, the estimated mean of the characteristic and its standard error are given as follows:

(1) Mean: $$\bar{x} = \frac{1}{n} \Sigma x_i$$

(2) Standard error: $$\hat{\sigma}_{\bar{x}} = \left[\frac{\Sigma (x_i - \bar{x})^2}{n(n-1)} \right]^{1/2}$$

where Σ indicates the sumation over all n physicians.

Means for fees in 1983 are computed as weighted averages of fees reported by physicians in SMS surveys with the weight for each physician given by the frequency with which the physician performs the procedure. Thus, if x_i is the fee reported by physician i for a given procedure, w_i is the frequency with which physician i performs the procedure and n physicians provide information on the fee and frequency of performing the procedure, the estimated mean fee for the procedure and its standard error are given by:

(3) Mean: $$\bar{x} = \frac{\Sigma w_i x_i}{\Sigma w_i}$$

(5) Standard error: $$\hat{\sigma}_{\bar{x}} = \left[\frac{\Sigma w_i (x_i - \bar{x})^2}{n \Sigma w_i} \right]^{1/2}$$

In some instances, data from more than one SMS survey are combined for estimating the mean of a characteristic. This procedure was used for 1983 data on all characteristics except waiting time, professional expenses and net income (after expenses, before taxes) included in the detailed tabulations in the Gray Book. In these cases, means are estimated with the same formulas as given above using the combined responses from the different surveys. However, since the samples for SMS surveys

in each quarter include some physicians who were interviewed once before the previous quarter, the calculation of the standard errors must be modified to reflect the correlation of responses from physicians who have two responses included among the surveys that have been combined. The modified standard errors are given as:

$$\hat{\sigma}_{\bar{x}} \left(1 + 2\hat{\rho} \frac{n_r}{n} \right)^{1/2}$$

where $\hat{\sigma}_x$ is given by either formula (2) or (4) above, depending on the characteristic, n is the total number of responses used in estimating the mean of the characteristic and $\hat{\sigma}_x$ from the combined surveys, n_r is the number of physicians represented in the combined survey sample who provided information on the characteristic in two consecutive surveys and $\hat{\rho}$ is the estimated correlation coefficient of responses from physicians providing information on the characteristic in two consecutive surveys.